



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

VOLUME 45, No. 1

FEBRUARY 2012

Botanical Destinations: Cook & Green Pass Trail and Lake Mountain Lookout, Klamath National Forest, California

by Gail A. Baker, John Koenig, and Robert Weiss, Emerald Chapter

Botanical destinations such as Tire Mt. and Sawtooth Rock Meadow, in the western Cascades, were exceptionally showy last summer with multihued expanses of wildflower blooms, possibly as a consequence of the cooler and wetter spring in western Oregon in 2011. An outstanding wildflower display was also seen a little farther south. Six Emerald Chapter botanists visited our 51st State of Jefferson, no kidding! (<http://jeffersonstate.com/>). Rob Weiss organized a trip to the Siskiyou Crest-Klamath River region in Northern California for two days of wildflower hikes: One leaving from Cook and Green Pass (7/8/11) and one to Lake Mountain Lookout (7/9/11).

Driving up to Cook & Green Pass from Seiad Valley with California lilac in peak bloom and exuding a heady fragrance encouraged several roadside stops where we explored seeps and rocky cliffs. Leaving from Cook & Green Pass the trail winds through open areas of rocky out-crops, a mix of serpentine and schist soils and stands of Douglas-fir, Jeffrey pine, Shasta Fir, Knobcone pine, and the rare Brewer spruce. We were delighted to use our Jepson Manual and two very helpful plant lists for this area, prepared by Veva Stansell and Linda Vorobik, to identify the many plants.

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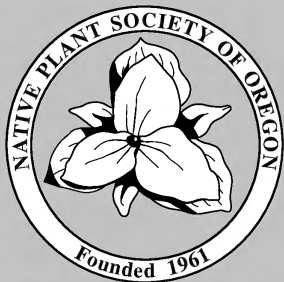
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It's Still Renewal Time!

The NPSO membership year is January to December. Many of you have already renewed, but if you haven't yet, please do so before the end of February, 2012 to ensure that you do not miss out on any of the Bulletins or on the 2012 issue of Kalmiopsis. Before you send in your renewal, it's a good idea to check the address label on this issue of the Bulletin. If it shows 2012 (or a later year) along the top, you are all set for the coming year and do not need to renew now. It's also a good time to consider a tax-deductible contribution to our special funds. The Leighton Ho Memorial Award is used for research projects in western Oregon. The Rare and Endangered Plant Fund supports work with our most threatened plants. The Augusta Rockefeller and Jean Davis Memorial Scholarships are awarded annually to a botany student at an Oregon college or university. You can also include a contribution to the Oregon Flora Project along with your dues. Your membership and donations make it possible to carry out more of the many projects that are needed to pursue the goals of NPSO.



Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregion.org>

E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message: subscribe npsos

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P.O. Box 902
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Opinions expressed in this publication are those of the authors of the articles. They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

"A Thousand-Mile Summer: The Henderson-Kirtley 1895 Reconnaissance of Central Idaho"

by Rhoda Love, Emerald Chapter

Bulletin readers familiar with the lives of Oregon's three important early botanical explorers, William Conklin Cusick, Thomas Jefferson Howell, and Louis F. Henderson, may be interested to know about a writing and research project which occupied me recently: a study and account of the 1895 Henderson-Kirtley botanical reconnaissance of central Idaho.

A painstaking records search has revealed that no Idaho historian has discovered Henderson's extant 1895 expedition journal, which lay unread at the Smithsonian in Washington DC for over one hundred years until I was directed to it in 2001. And I would not have known of it myself had I not stopped to pay my respects to Rusty Russell, Curator of the Smithsonian Herbarium, on a visit to our Nation's Capitol. I have long been interested in Henderson's life and so asked Rusty if

I might see some of the collector's historic specimens which escaped burning in the Idaho fire of 1906 that destroyed his beloved herbarium.

Rusty then revealed to me that Henderson's 1895 journal and collecting notebook had survived the fire and were safe upstairs in the Smithsonian Library where they had lain undiscovered by Idaho historians for a hundred and six years. Based on my notes and photos from that Smithsonian visit, I have now published, in the history journal *Pacific Northwest Quarterly*, an account of the Henderson-Kirtley reconnaissance. You can find the journal in most college and University libraries and I will have some reprints to distribute to anyone interested in a 19th century botanical adventure and a modern re-creation of that historic trip. PNQ has made the 11-page article very attractive with photos and a full-page map of the Henderson-Kirtley route.



PHOTOGRAPH BY DON JACOBSON; WWW.DONJACOBSONPHOTO.COM

Polemonium pulcherrimum, also known as Jacob's-ladder, is a native perennial with blue-lavender bell-like flowers

NPSO CALENDAR

State Notes

July 13-15, 2012

2012 Native Plant Society of Oregon Annual Meeting. Save the date! The 2012 NPSO Annual Meeting will be hosted by the Siskiyou Chapter at the Siskiyou Field Institute's Deer Creek Center, Selma, Oregon.

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244.

At the moment, Blue Mountain chapter is still dormant. For additional information, contact Jerry Baker at 541-566-2244.

Cheahmill

For more information, visit the chapter Web site, www.oregon-nativeplants.com. To be added to the e-mail list for upcoming programs and events, please contact cheahmillchapternpsocomcast.net.

February 23, Thursday, 7 pm

Talk: Monitoring Floral Treasures in PNW National Parks. Years ago, Congress declared that National Parks are "national treasures." Over the past three years, the Park system has been taking inventory of our floral treasures. Mark Huff, Program Manager for Inventory Monitoring of PNW National Parks, and adjunct professor at Linfield College, will describe protocols for mapping old growth forests, sub-alpine communities, and prairies. He will provide visuals that show the trends and changes occurring in our national treasures. Refreshments provided. Location: McMinnville Library, Carnegie Rm., 225 N.W. Adams St. Information: Paul Studebaker, 503-472-1868.

February 26, March 25, Sundays, 10 am-12 pm

Work Parties: Native Plant Gardening. We will be weeding, mulching, laying pea gravel, and pruning the Native Plant Garden around McMinnville Public Library's Carnegie Building, where our meetings are held. We always

welcome help. Our chapter is now solely responsible for garden maintenance. Bring gloves and garden tools if you have them. Information: Susan Williams, 503-538-1865 or helgesusan@comcast.net.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Esther McEvoy at co_president@NPSOregon.org or 541-754-0893.

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. For a sample copy check out the NPSO website. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12.

February 13, Monday, 7:30 pm

Meeting: Fruiting Patterns of Macrofungi: How fast? How long? How often do they fruit? Join Nancy Weber as she presents a study of fungi on a quarter-acre yard where distinctive patterns of fruiting by macrofungi on an annual and multi-year scale and of fruiting body development are becoming apparent. "Mycobiographies" of selected species will introduce some of these patterns. We will consider how such knowledge may be useful to mushroom hunters and researchers. Location: Avery House Nature Center, Avery Park, Corvallis. Information: Esther McEvoy, 541-754-0893

March 3, Saturday, 1-4 pm

Work Party: Avery House Native Plant Garden. Come join the fun of garden clean-up including weeding, pruning, raking and planting. Bring gloves, rake, shovel, and a snack to share. Location: Avery Park, Corvallis. Information: Esther McEvoy, 541-754-0893.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

February 13, Monday, 7:30 pm

Meeting: Flora of the Willowa Mountains in Northeastern Oregon. Join Dave Predeek as he discusses and shares pictures of unique plant species of the Willowa Mountains and the relationship with flora in other regions of the northern hemisphere. Location: EWEB Training Room, 500 E. 4th Ave., Eugene. Information: 541-345-5531.

March 19, Monday, 7:30 pm

Meeting: Plants of Southern Interior British Columbia. Join Daniel Mosquin, Research Manager at University of British Columbia Botanical Garden in Vancouver, BC, for a wide-ranging

photographic tour of the plants of this region. Despite being subjected to geologically-recent glaciation, the flora of the southern interior BC is among the most diverse in the province. Habitat diversity plays a large role in the expansive flora, ranging from the alpine and subalpine to sagebrush steppe, from interior coniferous forests to aspen grasslands. A few botanical mysteries will be highlighted, as well as a brief mention of a proposed national park for the area. Location: EWEB Training Room, 500 E. 4th Ave., Eugene. Information: 541-345-5531.

Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby at 541-884-5703 or smalaby@cs.com.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at wusara96@yahoo.com.

February 2, Thursday, 10 am

Field Trip: Early wildflower search at Columbia Hills State Park led by Carolyn Wright. We've been notified that a first sighting of salt-and-pepper lomatium (*Lomatium piperi*) has already occurred at Horsethief Butte. Meet at the large pull-off area on the north side of Hwy 14 just west of its junction with Hwy 197.

February 9, Thursday, 7 pm

Meeting: Moths I Have Known. John Davis, retired biologist, active naturalist, and gifted photographer, will share his photos and knowledge of the moths of the Pacific Northwest. John is a retired biologist who worked for the US Fish and Wildlife Service at several hatcheries in Washington and Oregon. He has extensive sets of photos on (among others) butterflies, moths, insects, mushrooms, lichens & mosses. Those who have attended any of John's talks will advise you not to miss this opportunity. Location: Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

Portland

If you would like to receive the chapter's semi-official e-mail newsletter, The Calochortus, e-mail Don Jacobson at donj-photo@gmail.com.

February 9, Thursday, 7 pm

Talk: Fearless Latin: A Gardener's Introduction to Botanical Nomenclature. Join Sara Mauritz, an avid horticulturist and wildflower enthusiast, and learn not only how to pronounce the Latin names but also to discover all that they can teach us! Sara believes botanical nomenclature is one of the best tools a gardener or wildflower enthusiast possesses. There is so much to be learned from the botanical names for plants. First and foremost is that you know precisely what plant you have and can talk about it with anyone in the world. She also believes people shy away from latin names out of fear that they will mispronounce them or never remember them. Location: 600 NE Grand Street, Portland. Information: Angie Moore, mlm@teleport.com or 503-292-2093.

March 3, Saturday, 8:30 am

Field Trip: Catherine Creek. The premiere early flower spot in the Gorge, with *Olsynium douglasii* in profusion, *Fritillaria pudica*, *Lithophragma glabra*, several species of *Lomatium*, and many others. Leave at 8:30 am, corner of NE Pacific Street and NE 99th Avenue (near Gateway MAX station). Or meet at Catherine Creek at 10 am. 120 miles round-trip drive; easy walking 3 to 4 miles with 500 ft. elevation gain. Information: Jan and Dave Dobak, 503-248-9242.

March 8, Thursday, 7 pm

Program/meeting: We Smoke It All: The Use of Prescribed Fire on Native Prairies in the Willamette Valley. Join Jock Beall, the Supervisory Refuge Biologist for the USFWS, overseeing the fire management program on Willamette Valley federal refuges since 2000 for this exciting talk. The USFWS Willamette Valley National Wildlife Refuge Complex has taken on an expanded role in using prescribed fire to restore and maintain native prairie and oak

savannah habitat in the Valley. Fire is considered a critical tool to the survival and recovery of rare plants and the endangered Fender's blue butterfly. This presentation will cover all aspects of using prescribed fire from planning to implementation. Location: Metro building at 600 NE Grand Street, Portland. Check in with the attendant and meet upstairs. Follow the NPSO signs. Informal meeting starts at 7 pm. Formal meeting begins sharply at 7:15 pm. Information: Angie Moore, mlm@teleport.com or 503-292-2093.

March 11, Sunday, 8:30 am-4:30 pm

Field Trip: Deschutes River hike. The Deschutes River hike, on the eastern edge of the Columbia River Gorge National Scenic Area, offers beautiful vistas, early wildflowers, and a variety of birds. This hike is moderate loop with a distance of 4.5 miles and elevation gain of about 600 feet. There are a variety of early spring flowers here including *Lomatium piperi*, *Lomatium columbianum*, and *Astragalus purshii*. 200 miles round trip. Please RSVP prior to trip. Space is limited. Information: Melanie Bjorge, mbjorge2@gmail.com or Angie Moore, MLM@teleport.com or 503-292-2093.

Siskiyou

The Siskiyou chapter e-mails meeting reminders and last-minute information such as field trip cancellations. To be added to the list, please send your e-mail address to Kristi Mergenthaler at coprolitemergie@yahoo.com.

February 16, Thursday, 7:30pm

Talk: So, How Much of the Landscape Did They Really Burn?: Extent and Impact of Native Use of Fire on Pacific Northwest Forests, Southwest Oregon as a Case Study. Did native-set fire contribute significantly to the make-up of pre-Euroamerican settlement vegetation in the Pacific Northwest? And if such fire was an important factor in the vegetative landscape, just how important was it? Historian Jeff Lalande's presentation will explore these questions and present his conclusions, with an emphasis on the variability of Native-set fires and their extent and impact across the three major forested zones of southwestern Oregon.

Umpqua Valley

Visit www.umpquavalley.npsoregon.org for more information on chapter activities.

Willamette Valley

For program information, contact John Savage at 503-399-8615 or Alexandra Ninneman at 503-391-4145.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Laurie Allen at 541-805-0499 for updates and general information.



NPSO Needs Your Help!

NPSO has a number of important positions that need to be filled. This is a chance to get more involved in NPSO. If you are interested in volunteering, contact NPSO President, Judi Sanders, at president@npsoregon.org.

Eastside Conservation Chair: Our Eastside Conservation chair, Duncan Thomas, has retired. We are grateful for Duncan's service but now need to replace him. The Eastside Conservation Chair coordinates regional conservation activities of the Society and keeps NPSO apprised of relevant regional conservation issues.

Rare and Endangered Plants Committee: This committee monitors rare and endangered plants and seeks to promote public education and policy changes regarding these plants. The committee needs both a chair and committee members.

Ethics Committee: Kareen Sturgeon has agreed to chair the new Ethics Committee and needs committee members. The goal of the committee is to revise NPSO's Ethics Guidelines (<http://www.npsoregon.org/documents/ethics.pdf>).

OTHER EVENTS

Northwest Botanical Institute

March 26-28, Monday-Wednesday

Course: Beginning to Intermediate Moss Class. David Wagner will be offering an intensive three-day beginning-to-intermediate moss class on the University of Oregon campus. This workshop is designed to help folks with a general introduction to bryophytes to kick their level of competence up a notch or two. A good botany background and a general knowledge of the basics of moss structure and life cycles are encouraged. Focus will be on navigating the California Moss keys by Dan Norris and Jim Shevock, and the first volume of the Bryophyte Flora of North America. Most of our time will be spent in the teaching lab, with an afternoon excursion on the first day for field experience. Tuition is \$300. Send check or money order, made out to Northwest Botanical Institute, to Northwest Botanical Institute, P.O. Box 30064, Eugene, OR 97403-1064. Credit card transactions possible only through PayPal; submit to davidwagner@mac.com. 541-344-3327.

Siskiyou Field Institute

March 24- 25, Saturday-Sunday

Course: Introduction to Bryophytes with Scot Loring. Bryophytes (mosses, liverworts, and hornworts) are tiny but important components of Pacific Northwest ecosystems. The Klamath-Siskiyou bioregion supports an amazing diversity of these fascinating non-vascular plants. In this class, students will learn about the basic biology and ecology of bryophytes, and will also learn to identify common species in the field. Class time will be divided between lectures, lab, and field trips. Tuition for this class is \$100, and advance registration is required. Lodging is available onsite. Information: 541-597-8530 or www.thesfi.org.

March 28-29, Wednesday-Thursday

Course: Survey and Manage: Bryophytes and Lichens with Scot Loring. The Northwest Forest Plan includes protocols requiring agencies to survey for certain rare and sensitive species on federally managed lands. This course, which is geared toward agency employees and contractors, focuses on

bryophyte and lichen species targeted as "Survey and Manage" species. Participants will learn about their ranges of these plants; their habitats and distinguishing characteristics; and common look-alike species. Course time will include lectures alternating with lab time to examine specimens. Tuition for this Intermediate/Advanced level class is \$150. Onsite lodging is available and advance registration is required. Information: 541-597-8530 or www.thesfi.org.

March 31, Saturday

Course: Edible Plants with Daniel Newberry and Bruce Kiser. Edible wild plants fascinate everyone, from the adventurer interested in learning wilderness survival strategies to the cook who wants to learn to prepare a meal from something new and different. In this class, you'll learn how to identify common local plants, learn responsible wildcrafting procedures – most important of all – how to avoid poisonous plants. The class will finish with a feast that includes the fruits of our harvest in the field. Tuition for this class is \$50, and advance registration is required. Information: 541-597-8530 or www.thesfi.org.

Dan Luoma of the Corvallis Chapter will be the next NPSO Fellow

by the NPSO Fellows Committee

NPSO's highest award is that of Fellow of the Native Plant Society of Oregon. Since NPSO first established the award in 1998, 22 members of our society have received this honor with a ceremony and a special plaque presented at an Annual Meeting. The following members have been honored since 1998: Keith Chamberlain, Ruth Hansen, John Robotham, Wilbur Bluhm, Kenton Chambers, Karl Urban, Frank Lang, Rhoda Love, Veva Stansell, Charlene Simpson, Jerry Igo, Charlene Holzwarth, Russ Jolley, Barbara Robinson, Joan Fosback, Mildred Thiele, Lois Hopkins, Mary Carlson, Frank Callahan, Stu Garrett, and Jan and Dave Dobak.

We are pleased to announce that our next honoree will be Dan Luoma. Dan joined NPSO before 1983. Since

then he has served as State President, Vice President, Director at Large, Chair of the Nominating Committee, the Field Research Grants Committee, and the Budget Committee, as well as numerous offices in the Corvallis Chapter. Dan has been NPSO's "go-to" person for details and information to keep the Society on track. Dan also made possible the purchase of NPSO's first computer – which was used to bring the *Bulletin* into the digital era from the days of typewriters.

Look for a more detailed article about Dan in the upcoming issue of *Kalmiopsis*. We hope NPSO members will attend the Annual Meeting in the Siskiyou Mountains July 13-15, 2012 to congratulate Dan as he receives his well deserved NPSO Fellows Award.



PHOTO BY JOYCE EBERHART

Dan Luoma with *Phaeolepiota aurea*, awarded Best of Show at a recent Mt. Pisgah Mushroom Festival

A Look Back at 2011: Cheahmill, Portland, and Siskiyou Chapters

The Cheahmill Chapter welcomed new officers which began their terms in September. Lisa Blackburn is the new Chapter President. We had a full line-up of presentations for our monthly meetings and attendance ranging from 25 to 50 people each month. The Chapter hosted their annual Wildflower Show in May and the October State Board meeting. The Chapter has been primarily responsible for maintaining the native plant garden around the McMinnville Library; in 2010 the Chapter took over full responsibility including adding funding for garden maintenance to the Chapter budget. The Chapter awarded grants to the Oregon Flora Project and the Berry Seed Bank.

The most noteworthy event for the Portland chapter in 2011 was the hosting of the annual meeting at Strawberry Mountain. From that meeting, the Portland chapter received unanimously positive feedback on the

organization, location, and, of course, the plants. Many thanks to all the hard workers who organized it and made the event a success. The chapter organized a keying class and numerous hikes from the coast to Silver Star Mountain, the gorge, and to Mt. Hood. Our good friend Russ Jolley died and his loss is felt dearly.

The Siskiyou Chapter organized 11 hikes in 2011 throughout SW Oregon and Northern California. Hike destinations included the rarely visited Woodcock Bog Resource Natural Area with its hanging *Darlingtonia* fens and plethora of lily species, Rough and Ready botanical area in the Illinois Valley, China Hill in Yreka to see the endangered Yreka phlox, and Kangaroo Mountain Botanical Area in the Eddy Mountains. The chapter hosted 9 programs/meetings and attendance for these events continues to increase. They put on two wildflower shows: a small spring show and a much grander

July 4th show. They also developed a hand-out on native plant resources in SW Oregon and updated the Chapter's bylaws. The Chapter contributed local knowledge of important sites for native plant conservation in the Rogue Valley for a GIS mapping effort conducted by the Rogue Valley Council of Government and supported other conservation endeavors. A small group also began planning for the 2012 NPSO Annual Meeting in Selma, OR at Deer Creek Center. They are pleased to invite you to attend: July 13-15. Come discover why the Klamath-Siskiyou Bioregion has the second highest plant biodiversity in North America.



Phenology Matters: Phenology Research at Lane Community College

by Gail A. Baker, Science Division, Lane Community College

"Now it behoves anyone who desires to be a skillful herbalist to be present when the plants first shoot out of the earth, when they are full grown, and when they begin to fade."

Pedanos Dioskurides (Dioscorides), *De Materia Medica*

Students in the spring botany classes at Lane Community College (LCC) develop their botany skills by following Dioscorides' advice, which we now call phenology monitoring. The timing of growth and senescence of 16 different native Oregon species has been studied since 2008. Photos of the landscape and some of the plants can be viewed in the 2009 NPSO *Bulletin* article.

Following the remodeling of the Science and Math building on the LCC campus in 2000, the landscape surrounding the building was redone and a native landscape was installed to reduce resource use (water, fertilizers and machinery used for mowing), increase habitat for native birds and insects and provide an nearby outdoor area for student study and research projects. The establishment phase of the native plants was reached in 2007 and plants were no longer dependent on summer watering for survival. The Phenology Research Project was initiated in 2008 as the citizen science movement was emerging and the general public was becoming increasingly aware of importance of phenology databases. In addition to

recording growth and senescence events in an organism's life cycle, it is important to study physical and biological cues that might influence the timing of the events. Recording and studying climate cues associated with phenological patterns are critical. At LCC, a weather data recorder located on the roof of the remodeled building provides site specific daily temperatures, rainfall, and other climate parameters.

In 2012, we will begin accumulating our 5th year of phenology data. More detailed results of the monitoring will be published in future issues of the NPSO *Bulletin*. However some of the interesting patterns and trends we have seen tell us the earliest and latest blooming times of species, when the greatest flower and fruit diversity is present on the landscape, and that some species might be more influenced by temperature and rainfall while others are day length dependent. We can count on shrubs for a continuous succession of delightful flowers from January through June. Oregon grape begins flowering in January and overlaps with red flowering current in March along

with sightings of the Rufus hummingbirds. At the end of the spring term in mid-June, we see a burst of the white flowers of mock orange and oceanspray. The annual timing of these events has less variation than some of the herbaceous perennials. Showy milkweed and cow parsnip are much more variable in the timing of their vegetative, flowering and fruiting from year to year. The greatest overlap of flowering species in the landscape has been the last two weeks of May. This is a fine time to visit the campus, enjoy the many colored blooms, and watch the diversity of pollinators and the increase in foraging by native birds for fruits and seeds.

Acknowledgments: Thank you to all students in the Bot 213 classes from 2000 through the present that helped plant and care for the native plants in the landscape. This class monitoring project has become independent research for the following students: C.Coulter, K.Dart, S.Westgate, J.Stewart, M.Groberg, E.Mogart, J.Cupples, R.Hladky, W.Matthews and many more.

NPSO Items for Sale

Booklets on Gardening with Native Plants. Emerald Chapter's three booklets about native plants of the southern Willamette Valley are "Native Herbaceous Plants in Our Gardens," "Native Shrubs in Our Gardens," and "Native Trees in Our Gardens." \$9.35/set of three, mail order. Individual booklets sold from the NGAP booth at Down-To-Earth, or by check made out to "Emerald Chapter NPSO" with "NGAP Gardening Guides" in the memo line to P.O. Box 902, Eugene OR 97440-0902. Also see online in PDF format at www.emeraldnpso.org Click on "Gardening with Native Plants."

Field Guide to Shrubs of Southwest Oregon. An 80-page, pocket-sized field guide identifies 56 of the most frequently-encountered shrubs in SW Oregon, and describes each species in detail with words and photos, including habitat, leaves, twigs, fruit, and flowers. Dichotomous keys, illustrations of common plant parts and glossary included. Janet Walker, NPSO Siskiyou chapter member, and Max Bennet, Forestry Agent with Jackson/Josephine Counties. \$7/copy; checks payable to "OSU Extension Service." Mail to Shrub Guide, Jackson County Extension, 569 Hanley Rd., Central Point, OR 97502.

Poseidon's Necklace. Don Begnoche, Siskiyou chapter, has issued an Oregon field guide covering the coastal section, mile by mile, from Astoria to Brookings. Genesis of the coastal landscape and flora found on dunes, headlands and montane slopes; over 500 landscape and floral photographs as well as geologic maps and illustrations. PDF format on a CD. \$19.95 + \$2.50 s/h. Mail checks to Don Begnoche, 439 Herbert St., Ashland, OR 97520

Along the trail the whites, purples, reds, blues, and yellows were eye catching from the diminutive Cat's ear to the tall stalks of blooming Klamath rushlily. A highlight was seeing the salmon-pink striped flowers of cliff maids in its natural habitat and in profusion and its less frequent relative purple-flowered quill-leaved Lewisia. The beautiful flowers of both these species are subtended by 2 sepals with



PHOTO BY CLAYTON GAUTIER

Lewisia cotyledon blooms in profusion on rocky slopes of areas in the Klamath National Forest, CA. July 8-9, 2011

stunning margins fringed by gland tipped trichomes. Mixed in with the Lewisias were red paintbrushes, yellow triteleia, purple alliums, and dwarf monkeyflower.

Returning to the trail head at the end of the day we met two members of the California Native Plant Society who took us to a seep in the area to see California lady's slipper in full bloom surrounded by primrose monkeyflower emerging from a carpet of moss.

Foxtail pine was a highlight at Lake Mountain Lookout surrounded by a stunning wildflower display including snow melt species glacier lily and pasqueflower. At the end of this day those remaining snow banks allowed us to enjoy cold watermelon that we had cached earlier in the day. Our camp site at Grider Creek Campground was also botanically special, purple-flowered Shasta Lily was in bloom and chain fern was found along the road into the campground.



Plan Now for Native Plant Appreciation Week

Though the weather outside is frightful, the arrival of spring will be so delightful. While dreaming of spring, it's never too early to start planning for this year's Native Plant Appreciation Week taking place April 29 to May 5, 2012.

This is the largest coordinated public outreach event for the Native Plant Society of Oregon and an excellent opportunity for society chapters throughout the state to sponsor workshops, hikes, plant sales, more while helping to increase their chapter's visibility.

We all get much busier as the weather improves so now is the time to plan. Be sure to post your activities in the NPSO *Bulletin* and to let the NPAW Committee know about them as well. Email any information to Judi Sanders at judi.sanders@gmail.com.



NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____

Address _____

City _____ State _____ Zip+4 _____

Phone _____ E-Mail _____

Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

Address _____

City _____ State _____ Zip+4 _____

Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Clayton Gautier, NPSO Membership Chair

3927 Shasta View St.

Eugene, OR 97405-4442

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

☐ New

☐ Renewal

☐ Student – \$12

☐ Regular – \$25

☐ Family – \$35

☐ Sustaining – \$60

☐ Patron – \$125

☐ Life Membership – \$500

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Jean Davis Memorial Scholarship Fund \$ _____

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Friends of the Oregon Flora Project \$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

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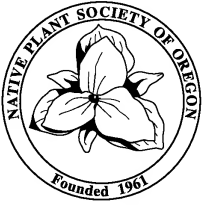
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Friends of the Oregon Flora Project

The Oregon Flora Project is developing a comprehensive reference about the plants of Oregon that includes distribution maps, images of live plants and herbarium specimens, descriptions, and identification tools. The information is available to the public via our website, <http://oregonflora.org>. Funding for the Oregon Flora Project comes exclusively from competitive grants and donations from organizations and individuals. The contributions people give of their time and financial resources are a critical part of our operating budget. If you would like to be a part of the team that keeps the OFP progressing, please contact us at ofpflora@oregonflora.org, or phone 541-737-4338.

Contributions can be mailed directly to: Agricultural Research Foundation, Oregon State University, 100 Strand Ag Hall, Corvallis, OR 97331-2219. Please make checks payable to the Ag. Research Foundation, and include "Oregon Flora Project-4482" on the memo line.



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

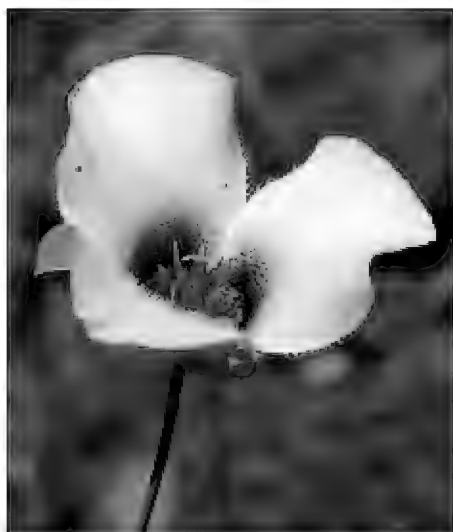
VOLUME 45, No. 2

MARCH 2012

NPSO Annual Meeting July 13-15, 2012: Come Experience Southwest Oregon's Botanical Wonders!

by Frank Lang, Emeritus Professor of Biology, Southern Oregon University, and NPSO Fellow

The Siskiyou Chapter invites you to enjoy the botanical wonders of southwestern Oregon at the NPSO Annual Meeting to be staged out of the Siskiyou Field Institute's Deer Creek Center. Formerly a ranch along Deer Creek on the north side of Eight Dollar Mountain, this environmental education center is only a few miles west of Selma in the Illinois River Valley, Josephine County. In all directions, the diverse flora of this region awaits your exploration on foot or by vehicle. Wade across Deer Creek and stand in an extensive series of fens at the foot of Eight Dollar Mountain, dominated by forbs and graminoids, including rare endemic sedges. The most conspicuous inhabitant is California pitcher plant (*Darlingtonia californica*); its



NORM JENSEN

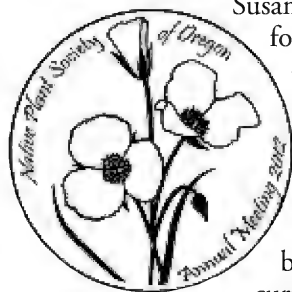
Howell's mariposa lily (Calochortus howellii) is a showy perennial that begins blooming in June and can continue into August

two-foot-tall cylindrical leaves contain a watery soup of dead and decaying insects. Other spectacular plants associated with these fens are Waldo gentian (*Gentiana setigera*), Vollmer's lily (*Lilium pardalinum* ssp. *vollmeri*), large flowered bog lily (*Hastingsia bracteosa*), yellow bog asphodel (*Narthecium californicum*), western azalea (*Rhododendron occidentale*), California coneflower (*Rudbeckia californica*) and California

continued on page 8

Save the Date: Annual Meeting, July 13-15

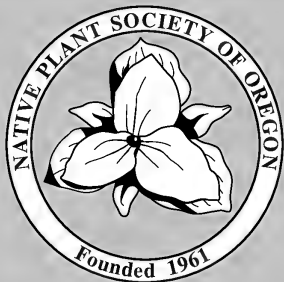
The Siskiyou Chapter is honored to be hosting the State Annual Meeting for the Native Plant Society of Oregon at Deer Creek Center in Selma, OR from July 13-15th, 2012. Our very special guest speakers will be Dr.



Susan Harrison - Serpentine Plant Diversity in the California Floristic Province (Including Southern Oregon) - and Dr. Linda Vorobik - Siskiyou Wildflowers: Art and Inspiration. The field trips will feature the high western Siskiyou with trips to Babyfoot Lake, Young's Valley, Tanner Lakes, Bigelow Basin and more. Registration and further information will be posted in the April *Bulletin*. The web site will also be available sometime in March. Remember: only current NPSO members can attend Annual Meetings.

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message: subscribe npsoc

General Business Address

P.O. Box 902
Eugene, OR 97440

or correspond directly with Officers and Committee Chairs listed on the inside of the back page.

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The submission date is the 10th of each month for the following month's issue except for the Aug/Sept issue which is July 24 and the Dec/Jan issue which is November 24. Send submissions by e-mail to bulletin@NPSOregon.org.

Opinions expressed in this publication are those of the authors of the articles. They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

If You Haven't Renewed Yet for 2012, Your Membership will Lapse Soon

Look at the label on this *Bulletin* and if "2011" appears along the top edge, this is the LAST *Bulletin* you will receive. If you don't want to miss out on any of this year's *Bulletins*, or *Kalmiopsis*, please send in your dues payment right away! You can use the membership form on the last (inside) page of the *Bulletin* if you can't find the remittance envelope we sent you in the December/January issue.

ERRATA from NPSO Bulletin, February 2012

- **Phenology Matters: Phenology Research at Lane Community College** Citation omitted for Dioscorides quote published in February 2012 issue: Readers interested in reading the Dioscorides Essay may access it online: www.therenaissanceman.org/images/DIOSCORIDES-Intro_Book_1.doc
- **Botanical Destinations: Species highlighted Cook & Green Pass Trail and Lake Mountain Lookout, Klamath National Forest, California.** Scientific names of plants were omitted in the published article. For a more complete species list of this trip please email Gail Baker at bakerg@lanec.edu. Plants noted at Cook and Green Pass include: California lilac (*Ceanothus integrifolius*), Shasta fir (*Abies magnifica* var. *shastensis*), knobcone pine (*Pinus attenuata*), Brewers spruce (*Picea breweriana*), cat's ear (*Calochortus elegans*), Klamath rushlily (*Hastingsia serpentinicola*), cliff maids (*Lewisia cotyledon*), quill-leaved lewisia (*L. leana*), paintbrush (*Castilleja pruinosa*), triteleia (*Triteleia crocea*), dwarf monkeyflower (*Mimulus nanus*), California lady's slipper (*Cypripedium californicum*), and primrose monkeyflower (*Mimulus primuloides* ssp. *linearifolius*). Plants noted at Lake Mountain Lookout include: foxtail pine (*Pinus balfouriana*), glacier Lily (*Erythronium grandiflorum*), and pasqueflower (*Anemone occidentalis*). Plants noted at Grinder Creek Campground include: purple-flowered Shasta lily (*Lilium washingtonianum* ssp. *purpurascens*) and chain fern (*Woodwardia fimbriata*).



PHOTOGRAPHS BY NORM JENSEN

Bigelow's sneezeweed (*Helenium bigelovii*) and *Siskiyou paintbrush* (*Castilleja elata*)

NPSO CALENDAR

State Notes

July 13-15, 2012

2012 Native Plant Society of Oregon Annual Meeting. Save the date! The 2012 NPSO Annual Meeting will be hosted by the Siskiyou Chapter at the Siskiyou Field Institute's Deer Creek Center, Selma, Oregon.

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244.
At the moment, Blue Mountain chapter is still dormant. For additional information, contact Jerry Baker at 541-566-2244.

Cheahmill

For more information, visit the chapter Web site, www.oregon-nativeplants.com. To be added to the e-mail list for upcoming programs and events, please contact cheahmillchapternpsocomcast.net.

March 22, Thursday, 7pm

Talk: What Does the Oregon Flora Project Offer? Linda Hardison, director of the Oregon Flora Project, will give a guided tour of the wealth of information housed in the Flora Project's website. She will show you how to use it and will also give an update on recent activities of the OFP and progress in the writing of the new *Flora of Oregon*. Location: McMinnville Library, Carnegie Rm., 225 N.W. Adams St., (Hwy 99 and N.W. Second St.), Contact: Paul Studebaker, 503-472-1868.

March 25, 2012, Sunday, 10 am-12 pm

Work Party: Native Plant Garden. We can always use help with weeding, mulching, laying pea gravel and pruning the Native Plant Garden around McMinnville Public Library's Carnegie Building, where our meetings are held. Our chapter is now solely responsible for this demonstration garden's maintenance. Bring gloves and garden tools if you have them. Information: Susan Williams, 503-538-1865 or helgesusan@comcast.net.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Esther McEvoy at co_president@NPSOregon.org or 541-754-0893.

March 3, Saturday, 1-4 pm

Work Party: Avery House Native Plant Garden. Come join the fun of garden clean-up. Bring gloves, rake, shovel, and a snack to share. Location: Avery Park, Corvallis. Information: Esther McEvoy, 541-754-0893.

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. For a sample copy check out the NPSO website. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12.

March 12, Monday, 7:30 pm

Meeting: Wildflowers of the Cone Peak/Iron Mt. Trail. Dan Luoma and Joyce Eberhart will share their photos and insights in a preview of one of our Chapter's favorite annual hikes. Location: Avery House Nature Center, Avery Park, Corvallis. Information: Esther McEvoy, 541-754-0893.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

March 19, Monday, 7:30 pm

Meeting: Plants of Southern Interior British Columbia. Join Daniel Mosquin, Research Manager at University of British Columbia Botanical Garden in Vancouver, BC, for a wide-ranging photographic tour of the plants of this region. Habitat diversity plays a large role in the expansive flora, ranging from the alpine and subalpine to sagebrush steppe, from interior coniferous forests to aspen grasslands. A few botanical mysteries will be highlighted, as well as a brief mention of a proposed national park for the area. Location: EWEB Training Room, 500 E. 4th Ave., Eugene. Information: 541-345-5531.

April 16, Monday, 7:30 pm

Meeting: Icons of the Pacific Northwest Natural Environment. Tim Giraudier, a professional photographer who has been involved with a wide variety of photographic processes and activities, and whose work includes such icons as chickadees, camas lily, our great woodlands and everything from the Cascade Crest to our ocean shores. Tim strives to reflect through his work the natural beauty of subject matter which is often overlooked. See Headwaters Photographic: www.headwatersphoto.com. Location: EWEB Training Room, 500 E. 4th Ave., Eugene. Information: 541-345-5531.

Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby at 541-884-5703 or smalaby@cs.com.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at wusara96@yahoo.com.

March 8, Thursday, 7 pm

Talk: Oak Ecology. Bill Weiler, of the recently founded White Oak Land Trust, will talk with us about Oak Ecology. Weiler worked as a habitat biologist with the Washington Department of Fish and Wildlife for 19 years. He currently is a Conservation Consultant assisting landowners with natural resource challenges. He is founder and board vice-president of the Columbia Gorge Ecology Institute. Weiler's books include *The Earth Speaks* and *Secrets of Our Shrub-Steppe Home: Teaching and Learning about the Columbia Basin*. Location: Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

March 31, Saturday, 10 am

Hike: Major Creek Road. An easy hike on a well-maintained dirt road, about 3.5 mi round trip. After a 200-ft climb, the road levels out, winding through pine-oak woodlands with adjacent rock outcrops and meadows. Many Gorge wildflowers can be found along the road; especially impressive is the gallery of desert parsleys, including *Lomatium columbianum*, *Lomatium grayii*, *Lomatium dissectum*, and *Lomatium suksdorfii*. Hikers must stay on the road, which is bounded by posted Yakama land. Parking is limited, so meet at the Catherine Creek parking area to consolidate. Information: Don Hardin, donhardin0@gmail.com, 509-493-4819.

April 12, Thursday, 9 am

Hike: Lower Catherine Creek. The paved, universal access trail offers walks of three distances. The shortest (0.25 miles) goes to a viewpoint overlooking Catherine Creek Falls. The longer routes (0.75 mi, 1.25 mi) form loops through open grasslands, vernal ponds,

and oak woodlands. Flowers in April are likely to include: *Delphinium nuttallianum*, *Ranunculus occidentalis*, *Camassia quamash*, *Zigadenus venenosus*, *Saxifraga integrifolia*, *Saxifraga occidentalis*, *Trifolium tridentatum*, *Orobancha uniflora* and possibly *Lewisia rediviva*. Information: Don Hardin, donhardin0@gmail.com, 509-493-4819.

April 12, Thursday, 7 pm

Talk: Habitat stewardship. Mark Krautmann will share his 30 years' experience as co-owner, with his wife, Jolly, of Heritage Seedlings, a specialty wholesale nursery in Salem and hundreds of acres of Willamette Valley farmland and prairie, oak savannah, and woodland acreage east of the Cascades. He will describe production of 30 acres/75 species of Willamette Valley native wildflowers and grasses for seed harvest, including several threatened and endangered species. Education of youngsters and collaboration with nonprofits will be a particular focus. Location: Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

Portland

If you would like to receive the chapter's semi-official e-mail newsletter, The Calochortus, e-mail Don Jacobson at donjphoto@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

March 3, Saturday, 8:30 am

Field Trip: Catherine Creek. The premiere early flower spot in the Gorge, with *Olsynium douglasii* in profusion, *Fritillaria pudica*, *Lithophragma glabra*, several species of *Lomatium*, and many others. Leave at 8:30 am, corner of NE Pacific Street and NE 99th Avenue (near Gateway MAX station). Or meet at Catherine Creek at 10 am. 120 miles round-trip drive; easy walking 3 to 4 miles with 500 ft. elevation gain. Information: Jan and Dave Dobak, 503-248-9242.

March 8, Thursday, 7 pm

Program/meeting: We Smoke It All: The Use of Prescribed Fire on Native Prairies in the Willamette Valley. Join Jock Beall, the Supervisory Refuge Biologist for the USFWS for this exciting talk. The USFWS Willamette Valley National Wildlife Refuge Complex has taken on an expanded role in using prescribed fire to restore and maintain native prairie and oak savannah habitat in the Valley. Fire is considered a critical tool to the survival and recovery of rare plants and the endangered Fender's blue butterfly. Location: Metro building at 600 NE Grand Street, Portland. Check in with the attendant and meet upstairs. Follow the NPSO signs. Informal meeting starts at 7 pm. Formal meeting begins sharply at 7:15 pm. Information: Angie Moore, mlm@teleport.com or 503-292-2093.

March 11, Sunday, 8:30 am-4:30 pm

Field Trip: Deschutes River hike. The Deschutes River hike, on the eastern edge of the Columbia River Gorge National Scenic Area, offers beautiful vistas, early wildflowers, and a variety of birds. This hike is moderate loop with a distance of 4.5 miles and elevation gain of about 600 feet. There are a variety of early spring flowers here including *Lomatium piperi*, *Lomatium columbianum*, and *Astragalus purshii*. 200 miles round trip. Please RSVP prior to trip. Space is limited. Information: Melanie Bjorge, mbjorge2@gmail.com or Angie Moore, MLM@teleport.com or 503-292-2093.

March 17, Saturday

Hike: Cherry Orchard trail hike.

Moderately strenuous hike of 4-5 miles, mostly on trails but with 1000' rise in 1.25 miles with some steep slopes. We will be looking for early spring wildflowers: yellow bells, toothworts, grass widows, desert parsleys, prairie stars, shooting stars, etc. along this route which is often warmer and sunnier than other early gorge hikes, allowing a wider variety of flowers. 135 mile drive RT. Information: Paul Slichter at pslichter@frontier.com or 503-661-3292.

April 7, Saturday, TBD

Hike: Catherine Creek. The date of

this trip might be moved depending on the bloom season this spring. 120 miles round-trip drive; Contact Paul Slichter at pslichter@frontier.com or 503-661-3292 or watch the April *Bulletin* for more details if you are interested.

April 12, Tuesday, 7 pm

Meeting/Talk: Oregon Butterflies and Their Relationship to Flowering Plants. Join Bill Neill, author of *Butterflies of the Pacific Northwest*, to discuss two types of interplay between butterflies and plants. One is cross fertilization traded for nectar, and the other is a caterpillar's attempt to use a plant for food. Bill will also describe the concept of species-specific host plants. We will have copies of *Butterflies of the Pacific Northwest* available for purchase at the talk. A field trip is planned to the Deschutes River canyon on April 14th to observe butterflies in action. Location: Metro building at 600 NE Grand Street, Portland. Enter the building at the south end of the plaza on Irving St. Information: Angie Moore at mml@teleport.com or 503-292-2093.

April 14, Saturday

Field Trip: Butterflies along the Deschutes River. Join Bill Neill, author of *Butterflies of the Pacific Northwest*, to observe butterflies in action in the Deschutes River Canyon. We can expect to see swallowtails, checkerspot and species of blues and whites which have emerged from over-wintering pupae, perhaps also some mourning cloaks and angel wings which have hibernated as adults. Of course, we will also see many plants. Sign up will be available at Bill's talk on April 12th or contact Ron Klump at 360-619-8992 or ronklump55@comcast.net to sign up and to get the details for where to meet.

Siskiyou

The Siskiyou chapter e-mails meeting reminders and last-minute information such as field trip cancellations. To be added to the list, please send your e-mail address to Kristi Mergenthaler at cprolitemergie@yahoo.com.

March 15, Thursday, 7:15 pm

Talk: Poisonous Plants by Dr. James P. Smith. Dr. Smith, Professor of Botany,

Emeritus at Humboldt State University, will present a working definition on what is a poisonous plant (distinguishing between poisonous and lethal), poison mechanisms, and symptoms with a focus on plants found in California and Oregon. He will also answer the question: how have we knowingly used toxic plants as resources? Location: Southern Oregon University, Science Bldg., Rm 181. Refreshments at 7:15 pm, meeting and program at 7:30. Information: Kristi at 541-941-3744.

April 14, Saturday 9 am

Field Trip: Fire and Vernal Pool Restoration Spark Renewal in the Agate Desert. Join The Nature Conservancy for an easy walk at their Agate Desert Preserve, then tour a Conservancy-managed ODOT vernal pool mitigation site that is a recent addition to Whetstone Savanna Preserve. Located seven miles northwest of Medford on Table Rock Road, both preserves provide a sanctuary for rare wildflowers. At Agate Desert Preserve we'll discuss the use of prescribed burning to benefit native grasses and wildflowers including two federally listed endangered plants, Cook's desert parsley and large flowered woolly meadowfoam (which should both be in bloom). Then take a tour of ground-breaking vernal pool restoration efforts led by ODOT and the Conservancy at Whetstone Savanna Preserve. Leader: Keith Perchemlides, Nature Conservancy Field Ecologist. Meet at Agate Desert Preserve, on the corner of Table Rock Rd and West Antelope Rd in White City. Park on the shoulder of West Antelope Rd. Please carpool. Optional and unguided carpool meeting behind Oil Stop in Ashland (next to BiMart-leaving @ 8:45). Total Distance: Approximately 2-3 miles. Information: Kristi at 541-941-3744.

Coming Up:

April 19, Thursday

Rare Plants of Crater Lake by botanist Katherine Williams.

April 28, Saturday

Hike: Rough and Ready Creek with Suzanne Vautier. Watch for details in your monthly email.

May 17, Thursday

Mysteries of the Monotropoideae Revisited: 25 Years of Demystification.

This presentation by Dr. Dan Luoma integrates wildflower and mushroom natural history for a group of plants that don't have chlorophyll (snow plants and relatives).

Umpqua Valley

Visit www.umpquavalley.npsoregon.org for more information on chapter activities.

Willamette Valley

For program information, contact John Savage at 503-399-8615 or Alexandra Ninneman at 503-391-4145.

March 24, Saturday, 6:30 am-5 pm

Field Trip: Catherine Creek. John Savage of the Willamette Valley Chapter of the Native Plant Society will lead a trip to view the early blooming wildflowers at Catherine Creek in the Gorge. Come prepared for a long day returning about 5 pm. Contact John Savage after 7 pm at 503-399-8615 for more information and to register.

March 30-31, Friday-Saturday, 10 am-3 pm

Program: Erythronium Native Plant Festival & Sale presented by Life-Source Natural Foods. Celebrate the earth's reawakening and the exquisitely beautiful *erythroniums* (native lilies) blooming at Historic Deepwood Estate. Purchase a few native plants for your own garden, take a guided nature walk with Linda Boyer, Wilbur Bluhm and John Savage of the Native Plant Society, or just come to enjoy a day outside and the special exhibits and informational booths. The Historic Deepwood Estate is located at 1116 Mission Street SE (12th and Mission) in Salem. Free parking is available off Lee Street. Information: 503-363-1825 or www.HistoricDeepwoodEstate.org

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Laurie Allen at 541-805-0499 for updates and general information.

OTHER EVENTS

Mount Pisgah Arboretum

March 15, Thursday, 6:30-8 pm

Mount Pisgah Arboretum Nature Guide Training. Train to be a nature guide for elementary school kids at Mt. Pisgah Arboretum. No experience required. Commitment: One tour per week April 30–June 13. Join the Arboretum's passionate team of nature guides and reconnect kids with the natural world! Morse Ranch House, 595 Crest Drive, Eugene. Information: 541-968-6061, mtpisgfr@efn.org or www.mountpisgaharboretum.org.

Northwest Botanical Institute

March 26-28, Monday-Wednesday

Course: Beginning to Intermediate Moss Class. David Wagner will be offering an intensive three-day beginning-to-intermediate moss class on the University of Oregon campus. This workshop is designed to help folks with general knowledge of bryophytes kick their level of competence up a notch or two. A good botany background and a general knowledge of the basics of moss structure and life cycles are encouraged. Focus will be on navigating the California Moss keys by Dan Norris and Jim Shevock, and the first volume of the *Bryophyte Flora of North America*. Most of our time will be spent in the teaching lab, with an afternoon excursion on the first day for field experience. Tuition is \$300. Send check or money order, made out to Northwest Botanical Institute, to Northwest Botanical Institute, P.O. Box 30064, Eugene, OR 97403-1064. Credit card transactions possible only through PayPal; submit to david-wagner@mac.com. 541-344-3327.

Siskiyou Field Institute

March 24- 25, Saturday-Sunday

Course: Introduction to Bryophytes with Scot Loring. Bryophytes (mosses, liverworts, and hornworts) are tiny but important components of Pacific Northwest ecosystems. Students will learn about the basic biology and ecology of bryophytes, and will also learn to identify common species in the field. Class time will be divided between lectures, lab, and field trips. Tuition for this class is \$100, and advance registration is required. Lodging is available onsite. Information: 541-597-8530 or www.thesfi.org.

March 28-29, Wednesday-Thursday

Course: Survey and Manage: Bryophytes and Lichens with Scot Loring. This course is geared toward agency employees and contractors and focuses on bryophyte and lichen species targeted as "Survey and Manage" species. Course time will include lectures alternating with lab time to examine specimens. Tuition for this Intermediate/Advanced level class is \$150. Onsite lodging is available and advance registration is required. Information: 541-597-8530 or www.thesfi.org.

March 31, Saturday

Course: Edible Plants with Daniel Newberry and Bruce Kiser. Edible wild plants fascinate everyone, from the adventurer interested in learning wilderness survival strategies to the cook who wants to learn to prepare a meal from something new and different. In this class, you'll learn how to identify common local plants, learn responsible wildcrafting procedures – most important of all – how to avoid poisonous plants. The class will finish with a feast that includes the fruits of our harvest in the field. Tuition for this class is \$50, and advance registration is required. Information: 541-597-8530 or www.thesfi.org.

April 14-15, Saturday-Sunday

Course: Introduction to Lichens with Daphne Stone, PhD. Discover the wonderful and complex world of lichens! We'll collect lichens from the meadows and forests around Deer

Creek Center and then return to the classroom to identify and preserve specimens; examining their structures and learning terminology needed to discuss the basics of lichen identification. Students will learn to key lichens using Macrolichens of the Pacific Northwest. You'll complete this class with a small personal lichen reference collection to further your lichen studies. Tuition for this class is \$150, advance registration is required. Information: Phone 541-597-8530 or visit www.thesfi.org.

Wild Food Adventures

March 31, Saturday, 9 am-12 pm

Class/Hike: Introduction to Wild Foods. In a walk through several habitats within Mt Tabor Park, learn essentials of wild food use and study, the best books, resources, and field guides. Be a successful forager early on, sample plants, get expert advice. This core workshop provides a deeper understanding for all other workshops. Anyone genuinely serious about wild foods will benefit from this event. Bring hiking boots and come prepared for weather. Cost is \$20 - \$35. Location: Mt. Tabor, Portland. Meet at the southwestern entrance to Mt Tabor Park. Register at www.wildfoodadventures.com or 503-775-3828.

April 1, Sunday, 1-4 pm

Edible Wild Plants on the First Days of Spring. We'll start at Sauvie Island, then explore several areas to inspect this spring's early green delectables. The earlier you start in the spring, the more foods you can harvest in the year. Prepare for the weather. Location: Meet at Sauvie Island at the parking lot on the far side of the island store (Sam's Cracker Barrel Grocery, 15005 NW Sauvie Island Rd, Portland). Cost is \$25 - \$40. Register at www.wildfoodadventures.com or 503-775-3828.

In Memorium: Leslie D. Gottlieb, PhD (1936-2012)

by Aaron Liston, PhD, Professor, Director of OSU Herbarium

Leslie David Gottlieb was born in New York City in 1936. Following a Bachelor of Arts degree from Cornell University in 1957, he earned a Master's degree from Oregon State University in 1965, where he studied hybridization between species of manzanita in southwestern Oregon. His PhD at the University of Michigan in 1969 examined patterns of diversity and mechanisms of speciation in *Stephanomeria*. He then joined the faculty of the Department of Genetics at the University of California, Davis where he taught classes in genetics and evolutionary biology, and served as department chair for three years during the mid-1980s.

Gottlieb researched a broad array of subjects including plant speciation, polyploidy, biochemical evolution of isozymes and molecular genetics. He will be long remembered as a pioneer and strong advocate for the application of biochemical and molecular data to plant systematics. Many of his studies dealt with rare and endangered species, particularly in the genera *Clarkia* and *Stephanomeria*. He also wrote the *Flora*

of North America treatment of *Stephanomeria*.

Gottlieb published more than 120 research papers and received a number of awards including a John Simon Guggenheim Fellowship (1975), Fellow of the American Association for the Advancement of Science (1985), Alumni Association Fellow of Oregon State University (1993), and the Botanical Society of America Merit Award (2000) and Centennial Fellow Award (2006).

In 2004, Leslie and his wife Vera Ford Gottlieb retired from UC Davis to Ashland, Oregon. He was active in the Native Plant Society of Oregon, and served as the Chair of the Rare and Endangered Plants Committee. He passed away on January 31, 2012, from the complications of pancreatic cancer. He was 75.



Our dear friend, Les Gottlieb

Native Plant Appreciation Week, April 29-May 5, 2012: The Governor's Proclamation

Oregonians enjoy an amazing diversity of native plant species from the coastal rain forest plants to the high

desert species of Eastern Oregon to the unique plants of the Columbia Gorge and the Siskiyou Mountains. As such, Governor John A. Kitzhaber and Secretary of State Kate Brown have declared April 29 to May 5, 2012 to be Native Plant Appreciation Week. They signed a proclamation declaring the event as



official and encouraging all Oregonians to join in this observance.

Native Plant Appreciation Week is the largest coordinated public outreach event for the Native Plant Society of Oregon and an excellent opportunity for society chapters throughout the state to sponsor workshops, hikes, plant sales, more while helping to increase their chapter's visibility. Be sure to post your activities in the NPSO *Bulletin* and to let the NPAW Committee know about them as well. Email any information to Judi Sanders at judi.sanders@gmail.com.

The Governor has done his part. What will you be doing for Native Plant Appreciation Week?

Welcome New Rare and Endangered Plants Committee Co-Chairs!

Erin Gray and Cecile Shohet have volunteered to co-chair the Rare and Endangered Plants Committee! Please support them and, if any of your friends or local members want to join the committee, let them know. Erin Gray erin@appliedeco.org Cecile Shohet cshohet@gmail.com



NPSO Annual Meeting, cont. from page 1
lady slipper (*Cypripedium californicum*).

Southwestern Oregon has attracted botanists since the first European expeditions explored the Western region. John Jeffrey probably passed through here in 1851 on his way to Crescent City, California; several species bear his name, e.g., *Pinus jeffreyi*, *Dodecatheon jeffreyi*, *Penstemon jeffreyanus*. Thomas Jefferson Howell, a self-trained botanist and author of the first regional flora, made three collecting trips in the Illinois Valley in the 1870s. Near the mining town of Waldo, he hit upon a botanical Eldorado (gold mine) of plants that were unnamed and unknown to science. Howell sent his collections to Asa Gray, eminent Harvard botanist, who, with his colleague Sereno Watson named many of the new species in honor of Howell. The plant selected for our meeting logo, Howell's mariposa lily (*Calochortus howellii*), is one example among many taxa with the specific epithet howellii (*Agrostis*, *Antennaria*, *Calamagrostis*, *Camassia*, *Epilobium*, *Montia*, *Pedicularis*, *Thelypodium*, *Triteleia*, *Viola*, etc.).

Early in the 20th Century, Alice Eastwood of the California Academy of Sciences walked from Crescent City to Waldo because the stagecoach ran at night; she did not want to miss seeing the manzanita (*Arctostaphylos*) species described by Howell. Lilla Leach, with her muleskinner/pharmacist husband John, explored the region each summer between 1928 and 1938. On June 14, 1930 Lilla collected the small pink flowered shrub, a new endemic genus that was later named for her (*Kalmiopsis leachiana*). Field trip participants going to Baby Foot Lake may see this plant that the title of NPSO's annual journal *Kalmiopsis* honors.

Other botanists who collected in this area were Charles Vancouver Piper (Washington State University), Louis Henderson (University of Oregon), Elmer Applegate (Stanford University), Morton Peck (Willamette University), Arthur Kruckeberg (University of Washington, to study serpentine ecology) and C. Leo Hitchcock (principal author of the *Vascular Plants of the Pacific Northwest*).

Plant ecologist Robert Whittaker's studies of the vegetation of the Siskiyou Region brought world-wide attention to the region. Whittaker compared the botanical richness of the area to the southern Appalachians in floral diversity. He credited the Klamath-Siskiyou Region as having "central significance" for the floristic origins and diversity of Pacific Northwest floras. As the far West became increasingly arid in the late Tertiary period, former floras found mesic refugia here. This bioregion then became an evolutionary nursery for the genesis of many endemic species.

What makes this region so attractive to botanists? The long, unglaciated history, a location influenced by varied climatic patterns and positioned between major floristic provinces, and unusual soils derived from ultramafic parent material from deep in the earth's crust. Peridotite and other mantle rocks are high in heavy metals (chromium, iron, and magnesium) and low in available calcium, potassium and phosphorous. Serpentine is metamorphosed peridotite, with similar hostile chemistry for plant growth.

Because serpentine-influenced soils are inhospitable, many plants on serpentine have evolved to cope with these conditions, either as races (e.g., incense-cedar which is physiologically and genetically distinct, but not morphologically distinguishable) or as distinct species (e.g., the endemic *Calochortus howellii*). These endemic species are one of the attractions of the Klamath Mountain region of northwestern California and southwestern Oregon, where 281 endemic taxa have been reported (Smith and Sawyer 1988).

The region is famous for its conifer diversity. Thirty-one conifer species are native to the Klamath Mountains. Some species, Douglas-fir (*Pseudotsuga menziesii*) and incense cedar (*Calocedrus decurrens*), are common and widely distributed. Others, such as subalpine fir (*Abies lasiocarpa*) and Alaska yellow cedar (*Callitropsis nootkatensis*) reach their southern limits in craggy Klamath heights. Foxtail pine (*Pinus balfouriana*) has an odd distribution, split between the



Port Orford cedar (*Chamaecyparis lawsoniana*)

southern Sierra Nevada many miles to the south and scattered populations in the Klamath Mountains as far north as Lake Mountain above the Klamath River. Other species, Brewer spruce (*Picea breweriana*) and Port Orford cedar (*Chamaecyparis lawsoniana*), grow only here. During the Annual Meeting this year, you will have the opportunity to meet and greet several world-famous horticultural conifers in their native habitat.

I arrived at Southern Oregon College in the fall of 1966 to teach botany and never found a good reason to leave. Every class field trip was an adventure with endless plants to find and study. A visit to the Darlingtonia fens, no matter what the season, resulted in always finding something interesting to see. One of the great pleasures of teaching plant systematics and ecology under such circumstances is the look of amazement on students' faces when they see (and smell) the innards of a *Darlingtonia* pitcher, or see hybrid *Calochortus* with both parents, or when they realize the special value of the rare endemics that they observe. I have felt quite blessed to have had the good fortune to spend most of a career working in one of the great botanical areas of the world. What success I have had with students can be attributed in large measure to the fascinating flora of the Klamath Range.

I feel certain attendees at this year's State NPSO meeting will find the same sense of excitement and pleasure.

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____

Address _____

City _____ State _____ Zip+4 _____

Phone _____ E-Mail _____

Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

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Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Clayton Gautier, NPSO Membership Chair

3927 Shasta View St.

Eugene, OR 97405-4442

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

☐ New ☐ Renewal

☐ Student – \$12 ☐ Regular – \$25 ☐ Family – \$35

☐ Sustaining – \$60 ☐ Patron – \$125 ☐ Life Membership – \$500

☐ Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund \$ _____

Leighton Ho Memorial Field Botany Award Fund \$ _____

Augusta Rockefeller Memorial Scholarship \$ _____

Rare and Endangered Plant Fund \$ _____

Friends of the Oregon Flora Project \$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

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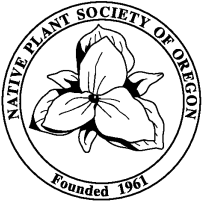
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Friends of the Oregon Flora Project

The Oregon Flora Project is developing a comprehensive reference about the plants of Oregon that includes distribution maps, images of live plants and herbarium specimens, descriptions, and identification tools. The information is available to the public via our website, <http://oregonflora.org>. Funding for the Oregon Flora Project comes exclusively from competitive grants and donations from organizations and individuals. The contributions people give of their time and financial resources are a critical part of our operating budget. If you would like to be a part of the team that keeps the OFP progressing, please contact us at ofpflora@oregonflora.org, or phone 541-737-4338.

Contributions can be mailed directly to: Agricultural Research Foundation, Oregon State University, 100 Strand Ag Hall, Corvallis, OR 97331-2219. Please make checks payable to the Ag. Research Foundation, and include "Oregon Flora Project-4482" on the memo line.



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

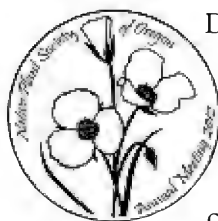
VOLUME 45, No. 3

APRIL 2012

NPSO 2012 Annual Meeting, Illinois Valley, July 13-15

The Siskiyou Chapter is hosting the 2012 annual meeting of the Native Plant Society of Oregon in the Illinois Valley in the heart of the Siskiyou Mountains July 13 to 15. Why July? Because we love our high country so much that we want to share it with native plant enthusiasts from all over the state. Although the valleys are truly wonderful in May and June, snow blocks access to the high mountain wild places. Plus, fens and riparian zones are at their peak in July.

Our headquarters for the meeting will be the Deer Creek Center, which lies along Deer Creek at the base of Eight Dollar Mountain and serves as the gateway to the Wild and Scenic Illinois River. Co-owned by Southern Oregon University and Siskiyou Field Institute, the Center provides natural history education for youth and adults and supports research in the Klamath-Siskiyou Bioregion. Exploration of the region can begin right outside the door at the 850-acre Deer Creek Center, including riparian zones along Deer Creek and the Illinois River,



Darlingtonia fens, Jeffrey pine/bunchgrass savannas on ultramafic substrates, and serpentine barrens. Plant communities on the sites are dominated by native species; most non-native species cannot grow on these soils. However, these harsh conditions provide habitat for a number of rare and endemic taxa: Siskiyou trillium, cobra lily, purple flowered rush lily, Oregon willow-herb, Waldo gentian, western bog violet, sawtooth sedge, Howell's microseris and Howell's mariposa lily.

From the beautiful Deer Creek Valley you can look east to the high western Siskiyou Mountains and west to ridges burned by the Biscuit Fire. Four wilderness areas in the region include Red Buttes, Kalmiopsis, Siskiyou, and the Wild Rogue Wilderness, as well as Oregon Caves National Monument. Research Natural Areas include Hoover Gulch, Cedar Log Flat, Brewer Spruce, Woodcock Bog, Grayback Glades, Pipe Fork, and Lemmingworth Gulch.

To find the Deer Creek Center from Interstate 5, take an exit into Grants Pass (Exit 58 if you are driving south; exit 55 if you are driving north). Go through Grants Pass, bearing right onto Highway 199. Follow this highway over Hayes Hill and after about 20 miles you will arrive in Selma. At the first blinking amber light, turn right onto the Illinois

River Road and continue 1.3 miles to the Deer Creek Center gravel driveway, which is a left turn.

You can check in at the registration table at the Deer Creek Center starting at 2 p.m. on Friday. Afterwards, set up camp in the meadow, check into your room, go off to look for camping at nearby locations or check into a motel room in Cave Junction (only 10 miles

continued on page 8

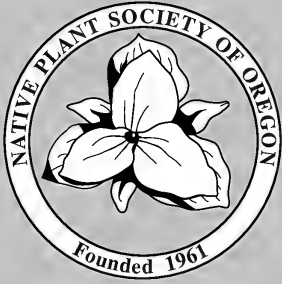
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Bigelow Lake, Mt. Elijah area

LEE WEBB



Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message: subscribe npsoc

General Business Address

P.O. Box 902
Eugene, OR 97440

or correspond directly with Officers and Committee Chairs listed on the inside of the back page.

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Opinions expressed in this publication are those of the authors of the articles. They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

Native Plant Appreciation Week, April 29-May 5, 2012

Oregonians enjoy an amazing diversity of native plant species from the coastal rain forest plants to the high desert species of Eastern Oregon to the unique plants of the Columbia Gorge and the Siskiyou Mountains. As such, NPSO chapters will celebrate Native Plant Appreciation Week, April 29-May 5, with a variety of activities. Native Plant Appreciation Week is the largest coordinated public outreach event for the Native Plant Society of Oregon and an excellent opportunity for society chapters throughout the state to sponsor workshops, hikes, plant sales, more while helping to increase their chapter's visibility. Join in the fun by participating in the many wonderful events listed in this *Bulletin*.

Invasive Species Update: *Arundo donax*

by Daniel Luoma

The Legislative Committee, led by Billy Don Robinson, has continued to make progress on explaining our concerns about giant cane (*Arundo donax*) to members of the Oregon Legislature. The position of NPSO is that the current placement of giant cane on the Oregon Department of Agriculture's weed "Watch List" is an insufficient response to the threats posed by this invasive species. Further, we find that the ODA's Risk assessment for giant cane understates the risks represented by giant cane. The Invasive Species Compendium of the Centre for Agricultural Bioscience International provides the following summary of the harms posed by giant cane:

"*A. donax* is an aggressive species with an ability to reproduce quickly, allowing it to out-compete native plant species, and has established itself as one of the primary threats to native riparian habitats in its introduced range, dramatically altering ecological and successional processes and altering habitats towards dense, monotypic stands up to 8 m tall. It uses more water than native plants, lowering groundwater tables. Control is an expensive process involving cutting plants to the ground and manual application of herbicides to avoid harming native species."

NPSO is putting forth the argument that the costs to Oregonians of an invasion by giant cane outweigh any economic benefit offered by its use as a biofuel. The opportunity costs of not using invasive species in the first place are well worth such an investment as a preventative measure, thereby avoiding the higher future costs that are associated with battling an invasive species.

The Oregon Department of Agriculture (ODA) is currently in a fact-finding mode with regard to rule making for giant cane. ODA has provided NPSO with a draft copy of the rule and we have an opportunity to comment. If you are interested, please contact your chapter president or other NPSO board member for a copy of the draft rule. Please send your comments to Billy Don Robinson (contact information listed in the *Bulletin*) and a copy to your chapter president.



Babyfoot Lake panorama

LEE WEBB

NPSO CALENDAR

State Notes

April 7, Saturday, 9:30 am-2 pm

NPSO Board Meeting.

NPSO Umpqua Chapter is hosting this quarter's State board meeting in Roseburg. This will be a good time to meet current state board members. All members are welcome to attend. The meeting will be held at the Douglas County Museum of Natural History, Interstate 5, Exit 123. The museum is easy to find. Contact Donna Rawson 541-459-2821 evenings for information.

July 13-15, 2012

Save the Date: NPSO Annual Meeting.

The Siskiyou Chapter is honored to be hosting the State Annual Meeting for the Native Plant Society of Oregon this year at Deer Creek Center in Selma, Oregon, July 13-15, 2012. Our very special guest speakers will be Dr. Susan Harrison who will present *Serpentine Plant Diversity in the California Floristic Province* (Including Southern Oregon) and Dr. Linda Vorobik who will present *Siskiyou Wildflowers: Art and Inspiration*. Field trips will feature the high western Siskiyou with trips to Babyfoot Lake, Black Butte, Sanger Peak, Tanner Lakes, Bigelow Basin and more. Refer to registration information in this *Bulletin* or go to: <http://siskiyou.npsoregon.org/2012annualmeeting/>. Remember: only current NPSO members can attend Annual Meetings. Please renew your membership.

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244.

At the moment, Blue Mountain chapter is still dormant. For additional information, contact Jerry Baker at 541-566-2244.

Cheahmill

For more information, visit the chapter Web site, www.oregon-nativeplants.com. To be added to the e-mail list for

upcoming programs and events, please contact cheahmillchapternpsocomcast.net.

April 26, Thursday, 7 pm

Talk: Wildflower Photography: Outsmarting your Pocket Camera's "Auto" Setting. Ecologist and nature photographer, Craig Markham, will explore the basics of good wildflower and landscape photography. Many of us set our pocket cameras to "auto" and then wonder why our "great shots" don't turn out as well as we had expected. Craig will illustrate how better to control your results using camera

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. For a sample copy check out the NPSO website. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12.

settings, composition, lighting, focus, and steadiness. (See related workshop below.) Location: McMinnville Library, Carnegie Rm., 225 N.W. Adams St., (Hwy 99 and N.W. Second St.), Contact: Paul Studebaker, 503-472-1868.

April 28, Saturday, 9 am-12 pm

Class: Photography Workshop with Craig Markham. Join Craig in this a free outdoor follow-up practice session based on the above program. Bring your own camera, and we'll apply what we've learned and make the most of your camera's close-up setting. Location: McMinnville Library Garden, Carnegie Rm., 225 N.W. Adams St., (Hwy 99 and N.W. Second St.), Contact: Paul Studebaker, 503-472-1868.

Ongoing

Work Party: Native Plant Garden.

We can always use help with weeding, mulching, laying pea gravel and pruning the Native Plant Garden around McMinnville Public Library's Carnegie Building, where our meetings are held. Our chapter is now solely responsible for this demonstration garden's maintenance, which always is scheduled for the week after our regular program meeting; the day and time usually changes in April to a weekday evening. Bring gloves and garden tools if you have them. Information: Susan Williams, 503-538-1865 or helgesusan@comcast.net.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Esther McEvoy at co_president@NPSOregon.org or 541-754-0893.

April 9, Monday, 7:30 pm

Talk: The endangered wildflower Willamette Daisy (*Erigeron decumbens*). Denise Giles of the Institute for Applied Ecology and Katie Gallagher, a master's student at Oregon State University, will speak about their work with the endangered Willamette Daisy. Are the current introduction efforts creating

self-sustainable populations? Location: Avery House Nature Center, Avery Park, Corvallis. Information: Esther McEvoy 541-754-0893.

April 14, Saturday, 9 am-4:30 pm

Workshop: Beginning willow identification. Learn to identify some of Oregon's willows and help the Oregon Flora Project (OFP) at the same time. The Carex Working Group will present a beginning willow identification class to share their love of in willows and to test a willow identification key being written for the OFP. Willow specimens and some dissecting tools will be provided, but bring what you have. Your input is important for ensuring that we write a key that people can actually use! Location: Room 1070, Cordley Hall, Oregon State University. Please send an e-mail to Nick Otting at duckfoot@lifetime.oregonstate.edu to RSVP.

April 21, Saturday, 9:30 am

Hike: Wildflower Walk on the Lower North Ridge Trail of Mary's Peak.

Join us as we look at the wildflowers of spring on the lower slopes of Mary's Peak. This is a fairly easy trail section, 4 1/2 miles round trip. Dress for the weather, wear sturdy walking shoes, and bring water and lunch. We should return by 2:00 p.m. Location: Meet at the OSU Parking lot across from the Beanery at 26th and Monroe.

Information: Call Louise at 541-753-0012.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

April 16, Monday, 7:30 pm

Meeting: Icons of the Pacific Northwest Natural Environment. Tim Giraudier, a professional photographer who has been involved with a wide variety of photographic processes and activities, ranging from scientific photography, documentary work, and wedding photography. His work includes such icons as chickadees, camas lily, our

great woodlands and everything from the Cascade Crest to our ocean shores. Whether it be a walk through town, or an extended stay in the wilderness; he strives to reflect through his work the natural beauty of subject matter which is often overlooked. See Headwaters Photographic: www.headwatersphoto.com. Location: EWEB Training Room, 500 E. 4th Ave., Eugene. Information: 541-345-5531.

April 28, Saturday, 12:30-3 pm

Field Trip: Wildflower walk at the Oregon Country Fair property near Veneta. The walk is on flat land.

Habitats are riparian, wet meadow, and forest. Co-leaders Bob Nesbit and Charlene Simpson have invited an ethnobotanist to come on the walk so that we can learn about plants used by the indigenous people of the region. Carpool rides: In west Eugene, meet under the tall fir trees in Lowe's Home Improvement store parking lot on the north east corner of West 11th St. and Bailey Hill Rd. Arrive about 12:15 pm. We'll depart about 12:30 pm for the drive to the Oregon Country Fair site, arriving in time for the field trip.

May 5, Saturday, 10 am to 2 pm

Field Trip: Native Flora of the Lower McKenzie. Join the McKenzie River Trust, Native Plant Society of Oregon, and Lane County Parks as we explore riparian forest and upland Douglas-fir and oak forest on a tour of the Berggren Watershed Conservation Area and neighboring Vickery Park. We begin at the Berggren property, touring the farm fields and riparian area with an eye to habitat restoration. Pause for a BYO lunch by the McKenzie River, and then continue on to the undeveloped and relatively pristine Vickery County Park next door. This riverside park of 80 acres covers a steep, rocky hillside. Diverse habitats include oak savanna and dense forest. For more information and to sign-up, go to the MRT website, at www.mckenzie river.org or call Liz at 541-345-2799.

May 19, Saturday, 9 am

Mount Pisgah Arboretum Wildflower Festival Collection and Setup. If you'd like to help collect flowers for the

show please contact David McClurg at dpm@efn.org or call 541-746-9478. To help set up displays, come to the Arboretum at 9 am, Saturday.

May 20, Sunday, 10 am-4 pm

Mount Pisgah Arboretum Wildflower Festival. A plant sale and hundreds of native wildflowers will be on display. There will be live music, information booths of many local organizations, and food! Sponsored by the Mount Pisgah Arboretum, Lane Community College's Botany Department and Emerald Chapter, NPSO. Information: 541-747-3817.

May 21, Monday, 7:30 pm

Presentation: A Botanical Life. Rhoda Love presents "A Botanical Life," a short old-fashioned, slide show depicting Rhoda's botanical excursions and adventures. Dr. Love taught botany for many years at Lane Community College and has been an influential member of Emerald Chapter, NPSO since its founding more 30 years ago. Location: EWEB Training Room, 500 E. 4th Avenue, Eugene. Information: 541-345-5531.

Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby at 541-884-5703 or smalaby@cs.com.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at wusara96@yahoo.com.

April 12, Thursday, 9 am

Hike: Lower Catherine Creek. The paved, universal access trail offers walks of three distances. The shortest (0.25 miles) goes to a viewpoint overlooking Catherine Creek Falls. Longer routes (0.75 mi, 1.25 mi) form loops through open grasslands, vernal ponds, and oak woodlands. Flowers in April are likely to include: *Delphinium nuttallianum*, *Ranunculus occidentalis*, *Camassia quamash*, *Zigadenus venenosus*, *Saxifraga integrifolia*, *Saxifraga occidentalis*, *Trifolium tridentatum*, *Orobanche uniflora* and possibly *Lewisia rediviva*. Information: Don Hardin, donhardin0@gmail.com.

com, 509-493-4819.

April 12, Thursday, 7 pm

Talk: Habitat stewardship. Mark Krautmann will share his 30 years' experience as co-owner, with his wife, Jolly, of Heritage Seedlings, a specialty wholesale nursery in Salem. Their property includes hundreds of acres of Willamette Valley farmland and prairie, oak savannah, and woodland acreage east of the Cascades. He will describe production of 30 acres/75 species of Willamette Valley native wildflowers and grasses for seed harvest, including several threatened and endangered species. He will emphasize simple, effective steps that farm owners, neighbors, and committed town folks can take cooperatively to enhance habitat for pollinators, birds, and native plants on both sides of the Cascades. Education of youngsters and collaboration with non-profits will be a particular focus. Location: Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

Portland

If you would like to receive the chapter's semi-official e-mail newsletter, The Calochortus, e-mail Don Jacobson at donjphoto@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

April 7, Saturday

Field Trip: Catherine Creek. We'll walk the route of a proposed trail from Catherine Creek to Minor Creek, and then follow roads and trails up Tracy Hill to see where the equestrian trail is routed. The current status of the Catherine Creek Recreation Plan will be discussed. At least 50 flower species should be blooming by this date including *Camassia quamash*, *Cardamine nuttallii*, *Dodecatheon poeticum*, *Fritillaria affinis*, *Fritillaria pudica*, *Plectritis congesta* and perhaps some rare species. Moderate walking of 4 to 5 miles with 900 ft. elevation gain, some cross country. 120

mile round-trip drive. Information: Paul Slichter at 503-661-3292 or pslichter@frontier.com.

April 12, Thursday, 7 pm

Meeting/Talk: Oregon Butterflies and their Relationship to Flowering Plants. Join Bill Neill, author of *Butterflies of the Pacific Northwest*, to discuss two types of interplay between butterflies and plants. One is cross fertilization traded for nectar, a mutually beneficial arrangement. The other is a caterpillar's attempt to use a plant for food. Bill will also describe the concept of species-specific host plants. We will have copies of *Butterflies of the Pacific Northwest* available for purchase at the talk. Additionally, a field trip is planned to the Deschutes River canyon on April 14th to observe butterflies in action. Location: Metro building at 600 NE Grand Street, Portland. Enter the building at the south end of the plaza on Irving St. Information: Angie Moore at mlm@teleport.com or 503-292-2093.

April 14, Saturday

Field Trip: The Deschutes River Hike. Join Bill Neill, author of *Butterflies of the Pacific Northwest*, to observe butterflies in action in the Deschutes River Canyon. We can expect to see swallowtails, checkerspot and species of blues and whites which have just emerged from over-wintering pupae, perhaps also some mourning cloaks and anglewings which have hibernated as adults. Of course, we will also see many plants. 190 mile round-trip drive. Sign up will be available at Bill's talk on April 12th or contact Angie Moore at mlm@teleport.com or 503-292-2093.

April 26, Thursday

Field Trip: Memaloose Hills Hike. Moderate, 4.5 miles, 700 foot elevation gain. Moderate hike in the east gorge. We will be looking for early to mid-spring wildflowers. The Memaloose Hills hike is one that you will not find in any book and can only be done for the first time with someone who knows the trail. This trail is jam-packed with a large variety of species and big shows of either *Collinsia parviflora*

or *Balsamorhiza deltoidea*. It boasts a pioneer road, basalt formations, several lovely views of the Columbia River and views of both Mt. Hood and Mt. Adams. Located just east of the town of Mosier, this flower-filled hike was a favorite of Russ Jolley. 140 miles round-trip drive. Contact Beth Magnus at magnuselizabeth@gmail.com or 503-706-5108.

May 3, Thursday

Field Trip: 3 Creeks Natural Area Hike with Rick Till. An easy hike in North Clackamas County on undeveloped trails through oak woodlands, bottomland hardwood forests, seasonal wetlands, and one of the largest populations of camas in the Metro region. We will be looking for camas, checker lily, white fawn lily, trillium (Pacific and small flower), and other surprises. Less than half a mile from Exit 14 (Sunnyside Blvd.) off of I-205. Contact Rick Till at ricktill@gmail.com or 503-750-6599 for more information.

May 6, Sunday

Field Trip: Grass ID/Hike. A grass ID/hike is tentatively scheduled at Tualatin River NWR. This is a follow up to one held there last September; both those who attended last year and newcomers are welcome. 32 miles round-trip drive. Contact Rick Shory at rickshory@gmail.com for additional information and to sign up.

May 10, Thursday, 7 pm

Meeting: Grand Ronde Ethnobotany: A brief discussion on traditional plants and their uses by the Confederated Tribes of Grand Ronde. Join Eirik Thorsgard, Tribal Historic Preservation Office of the Confederated Tribes of the Grand Ronde Community of Oregon. Location: Metro building at 600 NE Grand Avenue, Portland, Oregon. Enter the building at the south end of the upper plaza on Irving St, (not the door on 600 NE Grand Ave). An attendant will let you in and direct you to the meeting room upstairs. Informal meeting starts at 7 pm. Formal meeting begins sharply at 7:15 p.m. Contact: Angie Moore at mlm@teleport.com or 503-292-2093.

May 19 and 26, Saturdays, 8:30 am-4 pm

Class: Plant Keying. Two day class 8:30 AM to 4:00 PM at Tryon Creek State Park taught by Brent Miller. Botanical keys can be very daunting. This class will teach you how to use a key to identify live or pressed plants. The first day of class will be with plants in a classroom learning how to read a key, and getting familiar with basic technical vocabulary. Class will be highly interactive to get you the knowledge you need to improve your keying skills. The second day we'll take our knowledge into the field, literally by bringing our floras with us, but also by keying out plants in their native habitats. There will be a charge for the class. NPSO members have first enrollment priority. Details will be determined closer to the class date. For more information or to sign up for the class, contact Angie Moore at mlm@teleport.com or Roger Brewer at rogerbrewer@comcast.net.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2012, make a suggestion, or provide feedback regarding the field trip program please contact Sasha Joachims at: sasharain71@gmail.com.

April 14, Saturday, 9 am

Field Trip: Fire and Vernal Pool Restoration Spark Renewal in the Agate Desert. Join Keith Perchemlides and The Nature Conservancy for an easy walk at their Agate Desert Preserve, then tour a Conservancy-managed ODOT vernal pool mitigation site that is also a recent addition to Whetstone Savanna Preserve. Located seven miles northwest of Medford on Table Rock Road, both preserves provide a sanctuary for rare wildflowers and a restoration site for a native mounded prairie and vernal pool ecosystem. At Agate Desert Preserve we'll discuss the use of prescribed burning to benefit native grasses and wildflowers including

two federally listed endangered plants, Cook's desert parsley and large flowered wooly meadowfoam (which should both be in bloom). Then take a tour of ground-breaking vernal pool restoration efforts led by ODOT and the Conservancy at Whetstone Savanna Preserve. Meet at Agate Desert Preserve, on the corner of Table Rock Rd and West Antelope Rd in White City. Park on the shoulder of West Antelope Rd. Please carpool. Optional and unguided carpool meeting behind Oil Stop in Ashland (next to BiMart-leaving @ 8:45). Total Distance: Approximately 2-3 miles. Information: Kristi at 541-941-3744.

April 19, Thursday, 7:30 pm

Talk: Rare Plants of Crater Lake. This presentation by Botanist Katherine Williams will highlight the rare plants found at Crater Lake National Park with a special focus on Pumice Grapefern (*Botrychium pumicola*). Location: Southern Oregon University, Science Bldg., RM 171. Refreshments at 7:15 pm, meeting and program at 7:30. Contact Kristi: 541.941.3744.

April 28, Saturday, 9:30 am

Hike: Rough and Ready Creek. Suzanne Vautier from the Cultural & Ecological Enhancement Network will lead an easy hike at Rough and Ready Creek to admire the spring wildflowers and provide an update regarding the status of the *Alyssum murale* and *A. corsicum* invasion threatening this unique serpentine community. We will meet at the wayside parking area on Highway 199 at 9:30am. Parties interested in carpooling from Ashland should meet at behind the Oil Stop at 7:30 am and folks interested in carpooling from Grants Pass at the Wal-Mart parking lot next to the Taco Bell at 8:30am. Carpools unguided and self-directed. Contact Suzanne Vautier at gourdnbead@yahoo.com or 541-291-8860.

May 12, Saturday, 9 am

Hike: Upper Table Rock. Join Sasha Joachims on an easy hike through oak woodland, chaparral, mixed woodland, to the mounded prairie/vernal pools on the top. Highlights include the endemic southern Oregon buttercup, the rare

dwarf wooly meadowfoam and many other spring flowers. We will meet at the Upper Table Rock trailhead off Modoc Rd. at 9am. Parties interested in carpooling from Ashland should meet at behind the Oil Stop at 8am (leave by 8:15) and folks interested in carpooling from Grants Pass at the Wal-Mart parking lot next to the Taco Bell at 7:45am (leave by 8). Carpools unguided and self-directed. Contact Sasha Joachims at sasharain71@gmail.com or 541-661-3492.

May 17, Thursday, 7:30 pm

Talk: Mysteries of the Monotropoidae Revisited: 25 Years of Demystification. This presentation by Dr. Dan Luoma integrates wildflower and mushroom natural history for a group of plants that don't have chlorophyll (snow plants and relatives). Southern Oregon University, Science Bldg., RM 171. Refreshments at 7:15 pm, meeting and program at 7:30. Contact Kristi: 541.941.3744.

Umpqua Valley

Visit www.umpquavalley.npsoregon.org for more information on chapter activities.

April 21, Saturday, 10 am-4 pm

Event: Earth Day Celebration and Fair. Be sure to visit our NPSO booth when you come to the Earth Day Fair. We will have members ready to answer any questions and handouts about NPSO. This event is free to the public. Location: Douglas Hall at the Douglas County Fairgrounds in Roseburg, I-5 exit 123.

April 28 and 29, Saturday and Sunday, 9 am-5 pm

Glide Wildflower Show. Kick off the start of Native Plant Appreciation week at the Pacific Northwest's Premier Wildflower Show. Folks come from around the world just for this show. Don't miss it, you won't be disappointed. It will give you a better appreciation for the diversity and beauty of our own native flora. Be sure to visit our NPSO booth. Native plants will be for sale on Sunday May 29 beside the annex. The event is held at the Glide Community Center.

Information: www.glidewildflowershow.org.

April 28 and 29, Saturday and Sunday, 12:15 pm

Field Trip: Wildflower identification walk at Swiftwater trailhead.

An added bonus this year. Join two wildflower show collectors and learn to identify common flowers and shrubs in their native habitat. The trailhead is just 5 minutes from the Glide Community Center. Parking lot available past the Swiftwater Bridge on Highway 138. Contact Donna Rawson 541-459-2821 evenings for carpooling information from Roseburg.

May 5, Saturday, 9 am-4 pm

Event: Native Plant Sale Roseburg. 6th year. Visit our NPSO booth and plant sale at the Master Gardeners Plant and Garden Expo at the Douglas County Fair Grounds. I-5 exit 123. Also visit us at the Douglas County Museum lawn. Members available to answer your landscaping and restoration questions. Information: Donna Rawson 541-459-2821 evenings.

Willamette Valley

For program information, contact John Savage at 503-399-8615 or Alexandra Ninneman at 503-391-4145.

April 12, Thursday, 7 am-9 pm

Program: Wildflower and Ethnobotany Class. Dr. Morris Johnson, Professor Emeritus at Western Oregon University, will discuss native plant families and flowers common to the Willamette Valley and Western Oregon. He will also explain how the indigenous people used the plants for food, shelter, medicine, clothing, hunting and religious ceremonies. Date and time for a corresponding field trip will be announced in class. Location: Straub Environmental Learning Center, 1320 A St. NE, next to Olinger Pool, near North Salem High. The class costs \$5 and is open to the public. Registration is required. For more information and to register call 503-391-4145.

April 18, Wednesday, 6- 7:30 pm

Program: Wildflower Walk. John

Savage of the Willamette Valley Native Plant Society will lead a wildflower walk through Bush Park and Deepwood Estate. Nearly two dozen native wildflowers will be in bloom. Participants should meet at the bottom of the Soap Box Derby Track off Mission Street. Free and open to the public. For more, information, call John Savage after 7 pm at 503-399-8615.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Laurie Allen at 541-805-0499 for updates and general information.

Please watch for chapter related events coming in April, May, and June. Events to include native plant sale and nursery tour in Cove, weeding and wildflower viewing, and the Bird-a-thon at Ladd Marsh.



NPSO Needs a New Membership Chair

NPSO needs a new Membership Chair! - if you are looking for a way to make a significant contribution to the Society, have a few hours a week of spare time, and enjoy working with computers, then please let the out-going Chair, Clayton Gautier (cgautier@comcast.net) know you are interested. A general description of the duties and responsibilities can be found in the NPSO Board Handbook (<http://npsoregon.org/documents/NPSOBoardHandbook.pdf>). Clayton will be happy to provide additional details and answer any questions you might have. Thanks!

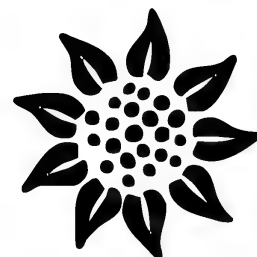
NPSO Mourns the Loss of Two Members

Emerald Chapter founding member Kenneth Lodewick and NPSO's webmaster and botanical photographer extraordinaire, Norm Jensen. Memorials for Kenneth and Norm will be included in the May issue of the NPSO *Bulletin*.

NPSO Needs Your Help!

Youth Outreach Committee: Nikki Wiseman, a senior in Anthropology at OSU and native plant lover, has accepted an appointment as the chair of the new Youth Outreach Committee. The goal of the committee is to find ways to get younger people more involved in our society. Nikki is young, enthusiastic, and full of great ideas... but she needs your help. Join the committee (which will primarily meet via email) and share your ideas. To join, email Nikki at: nswiseman@gmail.com.

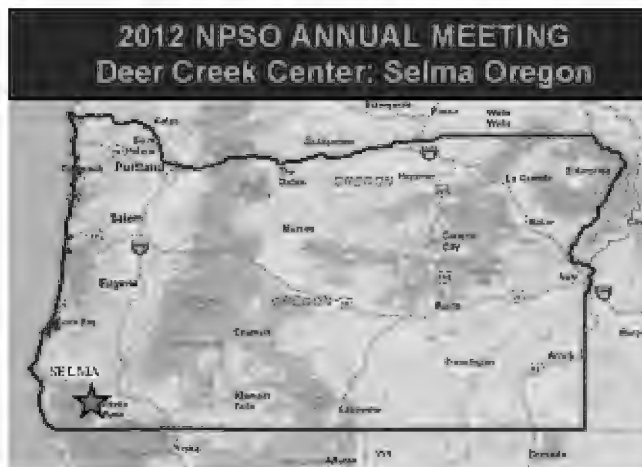
Eastside Conservation Chair: We're still looking for an Eastside Chair. A number of Eastside issues have arisen that affect native plants such as grazing permits, growing giant cane, goat releases, etc. We need someone who is attuned to these issues and can keep us up to date. If you are interested, or think you might be and want more information, email NPSO President, Judi Sanders at judi.sanders@gmail.com.



away). There is room for recreational vehicles in the parking lot, but there are no hookups. Deer Creek Center is a no smoking/no pets facility, so please do not bring your dog.

The registration fee includes Friday evening snacks and a complementary wineglass with Native Plant Society of Oregon and our Calochortus logo imprinted on it. Bring your glass to the social hour that starts at 5:30. Lemonade will be provided, but you may also bring wine, beer, fruit juice, sodas, etc. The evening program starts at 7:30. Our speaker is Linda Ann Vorobik, a famous botanical illustrator and artist who is well-versed in the flora of southwestern Oregon. The title of her talk is Siskiyou Wildflowers: Art and Inspiration.

Breakfast is at 7 Saturday morning, with lunch supplies available soon afterwards. Meet up with your field trip leader and be ready to leave by 8:30. Saturday's field trips are described in this issue. After returning from the field trip and cleaning up afterwards, come to the "social hour" at the Selma Center, which starts at 6 p.m. and is followed by the banquet. Bring your wineglass again, because our caterer does not provide glassware. You may bring your own beer or wine; lemonade and water will be served. During a short meeting, the new officers will be sworn in and the NPSO Fellow award presented. Our speaker that evening is Susan Harrison, Professor in the Department of Environmental Science and Policy, UC Davis, and co-author of *Serpentine Geoecology of Western North America*. Her talk is *Serpentine Plant Diversity in the California Floristic Province* (which includes southern Oregon).



Sunday morning the NPSO State Board will meet at 9 and brunch will be provided for those attending. If you'd like to attend a field trip on Sunday, please indicate that on your registration form. For those staying at the Deer Creek Center, checkout time is 11 a.m.

Our caterer is Kate Dwyer, who uses local, fresh, organic ingredients, simply and deliciously crafted into meals. The menus provide options for vegan/vegetarian/gluten-free diets, but if you have food allergies that preclude partaking of the catered food, we recommend that you use another option. The menus are posted on the website so you can plan ahead. Snacks for the Friday evening social are included in the registration fee. For all other meals, indicate on the registration form which meals you want to purchase. Breakfast is \$6, lunch \$9, and the banquet \$24. Early registration helps us and our caterer prepare for the event. Do not expect to show up for the meeting without registering, and buy meals. You may cook your own, buy from local grocery stores, bring food from home, or eat in Illinois Valley restaurants, cafes or bars. Use of the Deer

Creek Center kitchen is limited to those staying in the rooms inside, and the caterer has priority Saturday morning.

If you want to stay at the Deer Creek Center, there are three private rooms and a 6-bed coed dorm room. The private rooms cost \$50 per night for one (\$60 for 2 or \$70 for 3 occupants), and a bed in the dorm is \$18 per night. These rooms

include use of the kitchen, indoor bathrooms and bedding. Towels are provided for private rooms, but bring your own for the dorm. Two yurts, one each for men and women, have beds with pads and cost \$12 per person per night. Bring your own sleeping bag and towel. The bath house nearby has flush toilets, sinks and hot water showers. There is ample room for camping in the grassy field next to the headquarters, so you can pitch a tent or lay your sleeping bag under the stars. Or park your campervan, trailer or small motorhome in the parking lot (no hookups) and use the bath house. All of the camping options cost \$8 per night. If you want to stay in a room, act quickly, but call Julie Spelletich @ 541-951-1744 for room availability prior to registering.

The Annual Meeting is for members only. New members are always welcome to join; use the membership form in the back of the *Bulletin*. Students interested in a scholarship should e-mail us at annualmeeting12@siskiyou.npsoregon.org. For more information and updates about the meeting, please visit our website: <http://siskiyou.npsoregon.org/2012annualmeeting/>.



Mt. Elijah panorama

LEE WEBB

Annual Meeting Field Trip Descriptions

Field trips leave from the Deer Creek Center (DCC) parking area at 8:30 AM unless otherwise stated. Arrive 15 minutes before departure. Leaders will not wait for late comers. Field trips return by 4:30 pm. Carpooling is encouraged, with expenses divided among passengers. Dress appropriately for weather (layers) and wear good shoes/boots. Bring 2 quarts of water, sunscreen, and lunch. The Siskiyou are steep, rough terrain with hot summer days – consider this when choosing your trip. For more detailed field trip information, plant lists and photos visit <http://siskiyou.npsoregon.org/2012annualmeeting/fieldtrips.php>.

Saturday, July 14, 2012

T.J. Howell Botanical Drive-Babyfoot Lake, a Botanical Adventure. Moderate. Leaders: Linda Ann Vorobik (Principal Illustrator - Jepson Manual) and Armand Rebishschke (BLM Botanist). Fabulous trip both on- and off-serpentine, and burned vs unburned areas of the 2002 Biscuit Fire. Botanize several locations on way to trailhead, including Days Gulch *Darlingtonia* fen. Hike 1.2 miles into Babyfoot Lake. *Cypripedium californicum*; *Lilium bolanderi*, *Asclepias cordifolia*, and many other great species. 40 miles RT. (15 participants)

Tanner Lakes: Champion Trees and Glorious Grasses. Moderate. Leaders: Frank Callahan (CEO Callahan Seeds) and Cindy Roché (Grass Illustrator for Flora of North America). Hike 1.8 miles into Tanner Lakes basin in Red Buttes Wilderness, an area of old growth conifers, including two Oregon State Champion Trees. Learn how site, soil, and altitude affect tree growth and conifer diversity; discuss new identification techniques (terpenes). Identify glorious grasses underfoot with Cindy. 70 miles RT. (15 participants)

Photographic Exploration of Deer Creek Fen. Easy. Leaders: Mark Turner (botanist, photographer, and co-author of Wildflowers of the Pacific Northwest) and Karen Phillips (SFI Program Director). Discover a mosaic of *Darlingtonia* fens and serpentine

forest environments, while exploring photographic techniques to capture intimate details of *Darlingtonia californica*, *Cypripedium californicum*, numerous sedges, and the rare black petaltail dragonfly. Leisurely trip with time to absorb hints, tips, and demonstrations of photo techniques. All camera types welcome. Bring tripod, remote release, and portable light modifiers. End 3:00 pm. (15 participants)

Bigelow Lakes Botanical Area. Moderate. Leaders: Kristi Mergenthaler (Botanist) and Dennis Odion (Ecologist). Hike to large wet meadows at 5,900' in a glacially-carved granitic cirque jammed with *Veratrum californicum*, *Helenium bigelovii* and other flowering morsels. Rare and endemic plants include: *Gentiana plurisetosa*, *Ilamna latibracteata*, *Lilium pardalinum* ssp. *wigginsii*, *Quercus sadleriana*, and easy-to-identify sedges *Carex aquatilis*, *C. exsiccata*, *C. lenticularis*, *C. luzalina* along with *Scirpus congdonii* and *S. microcarpus*. 62 miles RT.

Redwood Forest Ecology: The Big Trees-From the Ground Up. Easy. Leader: Rick Hiser (Naturalist). ½ mile hike. Explore the unique life history of the tallest living beings. Start with the area's geology and move up through old-growth redwood groves to second growth of various ages. Look at intricate relationships between these trees and their environment, including salmon and the "perched ecosystem" in the canopy of these giants. 122 miles RT. (15 participants)

Oregon Caves National Monument - Big Tree Trail and Cave Tour. Moderate. Leader: John Roth (NPS Chief of Resource Management). Hike the Big Tree Trail (3 mile loop - elevation gain 1,100') and observe differences in vegetation on diorite, serpentine, peridotite, marble, and argillite. Lunch at high elevation serpentine. Back to the Caves around 3 pm for an hour long trip through the first third of the cave to see great examples of mycorrhizae. 60 miles RT.

Sanger Peak area in Del Norte County, California. Moderate. Leader: Wayne Rolle (Forest Botanist, Rogue River-Siskiyou National Forest). A loop driving trip with stops and explorations along primitive FS roads. Several short bushwhacks and cross-country scrambling up to 1/2 mile (steep & rocky). Whiskey Lake, Sanger Peak. Interesting graminoids: *Schoenoplectus subterminalis* (*Scirpus subterminalis*), *Carex gigas*, *Carex serpenticola*, *Poa piperi*. Also *Lewisia leana*, *Lewisia cotyledon*, *Draba howellii*, Brewer's spruce. High clearance vehicles only. 70 miles RT. (20 participants)

Fire Ecology along Limpy Creek Botanical Trail. Moderate. Leader: Dr. Tom Atzet (Ecologist). The trail is a one mile loop with interpretive signs. Emphasis on the ecological control agent of fire. Fire is the most influential process affecting species composition, structure and ecosystem health in this landscape. Other agents such as insects, diseases, and climate extremes are also evident. An unusual geologic type (ultramafics) adds to the uniqueness and species diversity. Finish Time: 1:00 pm. 40 miles RT. (30 participants)

Black Butte and Lookout Mountain to Polar Bear Gap. Strenuous. Leaders: Lee Webb (Wildlife Biologist) and Cecile Shohet (Calypso Botanical Consulting). 5 mile hike, 50% off trail, in mostly open habitat. Hike the headwaters of the East Fork Illinois and Middle Fork Smith Rivers, mostly within the Siskiyou Wilderness. Explore varied habitats and spectacular views (4,800' to almost 6,400' – 2,600' el gain). Many interesting plants in serpentine and non-serpentine areas – including *Fritillaria glauca*, *Lewisia leana*, and *Picea breweriana*. 70 miles RT. (15 participants)

Dutchman Peak Botanical Area. Moderate. Leaders: Barbara Mumblo (USFS Botanist) and Shelley Tanquary (30 year NPSO member). At 7,400' elevation, Dutchman Peak sits along the Siskiyou Crest and provides habitat for many species, including some more

common in eastern Oregon, such as *Artemisa arbuscula* and *Cercocarpus ledifolius*. A high elevation serpentine plant community on nearby Observation Peak may also be visited. Rare species include *Horkelia hendersonii*, *Castilleja schizotricha*, *Epilobium siskiyouense*, *Erigeron bloomeri* var. *nudatus*, *Polystichum lemmonii*, and *Erigeron petrophilus*. 140 miles RT. (25 participants)

Old Wimer stage road – Oregon Mtn Botanical Driving Tour to Gasquet, CA. Easy. Leaders: Roger Brandt (Historian) and Richard Callagan (Botanist-Siskiyou Biosurveys). The tour follows stage roads constructed in the 1880s, upgraded with gravel surfaces. Flora varies over the route: Jeffery pine woodlands, Douglas-fir forest, riparian zones along Shelley Creek, and communities with lodgepole pine, western white pine, knobcone pine, tan oak and canyon oak. Several *Darlingtonia* fens are located along the route. 60-70 miles RT. (20 participants)

Pacifica and Forestfarm Nursery, Williams, OR. Easy. Leaders: Ray and Peg Prag (Founders of Pacifica and Forestfarm Nursery). For those with a horticultural inclination, this is an easy-going day with no strenuous walking. Hike trails and take a tour of Pacifica (420 acres), a non-profit committed to a botanic garden and nature education

center. Tour Forestfarm Nursery where over 4,000 kinds of plants are raised. Return to DCC by car caravan on forest gravel roads (about 30 miles) over the Siskiyou Mountains. ~60 miles RT.

Lichens and Bryophytes of Eight Dollar Mountain. Moderate - Strenuous. Leaders: Scot Loring (Pacific Crest Consulting) and Dr. Daphne Stone (Consulting Botanist & Lichenologist). A Climb up Eight Dollar Mtn, seven miles RT on maintained trail with an elevation gain of 2,500' (4,000' at summit). Explore the flora of this unique serpentine/peridotite mountain and take in fantastic views. Hike through Jeffery pine savannahs and *Darlingtonia* fens. Locally endemic *Pseudoleskeella serpentinensis* will likely be found and possibly rare *Scouleria marginata*. A high-powered hands lens is recommended. 10 miles RT.

Woodcock Bog Research Natural Area and West Fork Illinois River. Easy. Leaders: BLM botanists Marcia Wineteer and Rachel Showalter. 2-3 miles hiking on road and off trail. Woodcock Bog represents an outstanding example of a hanging fen on serpentine soils, as well as open forest stands of *Pinus jeffreyi* and denser stands of *Chamaecyparis lawsoniana*. Floristic highlights: *Darlingtonia californica* and blooming *Epilobium oreganum*,

Gentian setigera, *Calochortus howellii*, *Viola primulifolia* ssp. *occidentalis*. Also visit habitat along the West Fork Illinois River with *Monardella purpurea*, *Epilobium rigidum*, *Castilleja breviflora*, and *Eriogonum pendulum*. 40 miles RT. (12 participants)

Sunday July 15, 2012

Climate and Prairie Restoration Research Plots. Easy. Leader: Tim Tomaszewski (Postdoctoral Associate). A 0.5 – 1 hour easy walking tour of the University of Oregon's climate change research plots located adjacent to Deer Creek Center. Visit the experimental plots where the environment has been altered to reflect warmer and wetter conditions. Discover the impact of this future climate scenario on native and exotic prairie plants. Two presentations at the research plot: 8:30 am and 10:30 am. (20 participants each)

Desert Creek Research Natural Area - Crater Lake National Park. Moderate. Leaders: Jen Beck (Ecologist) and Calvin Farris (Fire Ecologist). Excellent representation of unlogged and ungrazed ponderosa-lodgepole pine forest with antelope bitterbrush steppe (and long-stolonated sedge). Hike through Sharp Desert and climb nearby peak for a landscape view (elevation gain < 800', altitude 5,000-5,800'). Discuss Forest health issues, including former (1970s-1980s) and upcoming prescribed fire work. Meet just south of Hwy 138 and Forest Road 70 junction, then caravan to parking site, drive 12-16 miles on dirt roads.

Hike Onion Camp to Whetstone Butte. Moderate. Leaders: Lee Webb (Wildlife Biologist) and Karen McCullough (Botanist). Stop at Eight Dollar Mtn. *Darlingtonia* boardwalk, continue 14 miles on Rd 4201 to top of ridge – most of the trip within the 2002 Biscuit Fire area. Stop to see *Lupinus tracyi* and *Picea breweriana*; then to Onion Camp trailhead, and hike on trail 2.5 miles roundtrip to Whetstone Butte, on the edge of the Kalmiopsis Wilderness. Great serpentine vistas. *Lilium bolanderi*, *Xerophyllum tenax*, *Quercus sadleriana* and *Pinus jeffreyi*. 45 miles RT.



View of Eight Dollar Mountain

LEE WEBB

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

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Clayton Gautier, NPSO Membership Chair

3927 Shasta View St.

Eugene, OR 97405-4442

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

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Membership in the Native Plant Society of Oregon is open to all.

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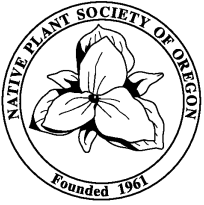
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Visiting the Oregon Flora Project website (<http://oregonflora.org>) is indisputably the best way to have instant access to the information we provide about Oregon's vascular plants. There you can find floristic treatments, newsletters, images, rare plant fact sheets, distribution maps—all which reflect the nomenclature presented in the Checklist. The website is where we present our scholarly research to the public and make it useful for a wide audience.

As a way to communicate some of the bits and pieces of our research—and in some instances, more informal activities—we have created both a Facebook page and blog. These also offer an opportunity for you to post your comments and observations.

Visit our blog, the Oregon Flora Blog, at <http://oregonflora.wordpress.com/>. Likewise, if you are a Facebook user, “like” our page at <http://www.facebook.com/pages/Oregon-Flora-Project/255492574527871>.

We look forward to receiving your input!

Likewise, your financial input is always appreciated and wisely used. Contributions can be mailed directly to: Agricultural Research Foundation, Oregon State University, 100 Strand Ag Hall, Corvallis, OR 97331-2219. Please make checks payable to the Ag. Research Foundation, and include “Oregon Flora Project—4482” on the memo line.



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

VOLUME 45, No. 4

MAY 2012

Norm Jensen (1941-2012): A Brief Glimpse Into His Life

by Cecile Shohet and Alex Maksymowicz

It is hard for us to know as we didn't think to ask in time – but – either Norm Jensen knew of his fascination with the flora of the Klamath-Siskiyou Mountains before he arrived in south-western Oregon in 2001 (he was fifty-nine), or he very quickly acquired it, as evidenced by his participation in NPSO flora forays that same year. He immediately put his long-standing interest in photography to valuable use by compiling an extensive photographic record of the wildflowers of this region. His collection totals over twenty thousand superb images.

Norm befriended many Forest Service, BLM, Nature Conservancy, US

Fish and Wildlife Service, and National Park Service botanists from the start, seeking their help in the identification of his photos, wanting to know more about the flora of our region and to locate and experience botanical “hot-spots”. He soon started volunteering his services on project after project for agency personnel. His last project was collecting seeds from the last two wild Whitebark Pines on Mount Ashland to preserve the special genome of that species in the Siskiyou Mountains.

Norm soon became an expert on the flowering plants of southern Oregon, along the way learning the detailed botanical terminology necessary to key and discuss the ecology

and taxonomy of wildflowers. He even took up sparring over the “correct” pronunciation of Latin words! Cheerful, helpful, and fearless, he was the perfect companion on botanical expeditions.

Norm's eventual passion became to find and photograph rare wildflowers – utterly intrigued as he was by the Siskiyou endemics. He traveled extensively in our region, camping in his beloved grey van to get that magical early

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ALEX MAKSYMOWICZ

Norm Jensen at Upper Table Rock in 2010

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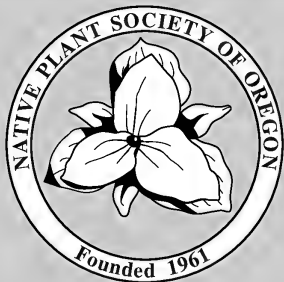
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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

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To join, send a message to majordomo@tardigrade.net, with the following in the body of the message: subscribe npsos

General Business Address

P.O. Box 902
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or correspond directly with Officers and Committee Chairs listed on the inside of the back page.

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Opinions expressed in this publication are those of the authors of the articles. They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

Tribute to Kenneth Lodewick (1922-2012)

by Charlene Simpson, Emerald Chapter

Kenneth Lodewick died March 4 at Age 90. His passing was not unexpected. In later years he was in declining health and wheel chair bound.

Ken and his wife Robin were founding members of Emerald Chapter in 1979. Other founders were David Wagner, John Christy, Laramie Palmer, Stan Cook, Linda Johnson, Ken Hixon and myself. I may have missed someone.

For over 30 years Ken and Robin rarely missed Emerald Chapter meetings. Ken and Robin led field trips to Bohemia Mt., Foley Springs in the McKenzie watershed and on a special excursion with me to Eagles Rest where we documented *Penstemon rattanii* occurring in Lane County. On another occasion I joined Ken and Robin on a trip to Gearhart Mt. in Klamath Co. to see the rare *Penstemon glaucinus*.

With tongue in cheek we referred to Ken and Robin as "Penstemaniacs". Ken and Robin were authors of keys



PHOTO BY CHARLENE SIMPSON

to the Penstemons: "Penstemon Field Identifier" and "Penstemon Nomenclature" published by the American Penstemon Society.

Emerald Chapter is saddened by losing a founder and stalwart member.



KRISTI MERTENHALER

American sawwort (Saussurea americana) is an uncommon perennial that grows in bogs, wet meadows, creeksides or wet rocky places, at high elevations, such as this population in the Siskiyou Mountains.

NPSO CALENDAR

State Notes

July 13-15, 2012

Annual Meeting in Southern Oregon!

The Siskiyou Chapter will host the NPSO Annual Meeting this year at Deer Creek Center in Selma, OR. See the April issue for registration information or go to: <http://siskiyou.npsoregon.org/2012annualmeeting/>. Check the web site periodically for updates and species lists.

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244.

At the moment, Blue Mountain chapter is still dormant. For additional information, contact Jerry Baker at 541-566-2244.

Cheahmill

For more information, visit the chapter Web site, www.oregon-nativeplants.com. To be added to the e-mail list for upcoming programs and events, please contact cheahmillchapternpsocomcast.net.

May 8, Tuesday, 5-7 pm

Work Party: McMinnville Public Library's Carnegie Building Native Plant Garden. Learn about identifying and growing native plants- a nice return for helping with weeding, mulching, laying pea gravel and pruning! The demonstration garden is at its loveliest at this time of year. Work parties are scheduled for the second Tuesday of the month until fall. Bring gloves and garden tools if you have them. Information: Susan Williams, 503-538-1865 or helgesusan@comcast.net.

May 19, Saturday

Field Trip: World Forestry Center's Magness Memorial Tree Farm. This is an internationally recognized 80-acre demonstration forest and outdoor education site. The site offers a diversity of plant life in natural areas and comparative forest management zones, with 2.5 miles of hiking trails and the historic "Clatskanie" 60-foot Fire Tower. We

will be met by property manager, Bill Wood, who will give us an overview of the property and answer questions. <http://worldforestry.org/Tree-Farms/magness-memorial-tree-farm.html>. Contact: Jim Culbert, 503-472-8501 or jhculbert@yahoo.com

May 24, Thursday, 7 pm

Talk: The Imperiled Genetic Resource of Native Plants on Roadsides and Private Lands. Lynda Boyer, Native Plant Manager and Restoration Biologist, Heritage Seedlings, Inc., will discuss the importance of identifying native plant sites on roadsides and private

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. For a sample copy check out the NPSO website. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12.

land. Since the Willamette Valley has lost almost 99% of its native prairie, the most vulnerable populations of native plants are on roadsides and unprotected private lands. Collection of seed from these populations is imperative - to ensure their genetics are preserved and to ensure a supply of genetically diverse native plant material for restoration of prairie ecosystems. Location: McMinnville Library, Carnegie Rm., 225 N.W. Adams St., (corner of HWY 99W and S.W. Second St.). Information: Paul Studebaker, 503-472-1868.

June 23, Saturday

Field Trip: Cascade Head TNC Preserve. Join retired Linfield College biology professor Kareen Sturgeon and Debbie Pickering, Oregon Coast Stewardship Ecologist for The Nature Conservancy, for a 5-mile hike (1000' elevation gain) through a Sitka spruce-western hemlock forest and coastal prairie. See beautiful views of the coast (weather permitting!) from this basalt headland, and learn about restoration efforts on the headland, which provides critical habitat for the Oregon silverspot butterfly, rare wildflowers and native prairie grasses. Group size limited to 12; thus, registration is required. To register, call Kareen at 503-472-0866.

June 30, Saturday

Field Trip: Marys Peak. Join Dr. Steven Carpenter, author of "Wildflowers of Marys Peak Meadows" for a prime time visit to this 4,097 foot peak west of Corvallis. Carpoolers from McMinnville should meet at the Linfield College parking lot on the northwest corner of Linfield Ave. & Blaine St., McMinnville by 7:30 am to depart at 7:45 am. We will meet Steve in Corvallis and leave from there about 9:30 am. There is a \$5 day use fee per vehicle to visit, however Northwest Forest Passes are also accepted. Contact: Jim Culbert, 503-472-8501 or jhculbert@yahoo.com.

Corvallis

For questions, information on upcoming

events, or to be on the Corvallis chapter e-mail list, contact Esther McEvoy at co_president@NPSOregon.org or 541-754-0893.

May 12, Saturday, 2:30 pm

Walk: Wildflower Walk around Woodpecker Loop at Finley Wildlife Refuge. It is a short hike with a variety of habitats and great wildlife viewing possibilities. Meet at the parking lot of the Woodpecker Loop trail on the refuge. This will be part of the Natural Areas Appreciation Week events. There will be many spring wildflowers blooming including *Calochortus tolmeii*. Contact Esther McEvoy for more information 541-754-0893.

May 14, Monday, 7:30 pm

Talk: Carl Linnaeus - his life, research, and botanical garden. Join Margaret Anderson and Esther McEvoy for this presentation. Carl Linnaeus (1707-1778) is known for his classification of plants, his botanical gardens and his research on plants. Location: Avery House, Avery Park, Corvallis. For more information contact Esther McEvoy 541-754-0893.

June 2, Saturday, 9:30 am-2 pm

Hike: Return to Lower North ridge trail on Mary's Peak. Same hike, but a very different flora than we saw in April. A relatively easy round trip hike of about 4 1/2 miles. Dress for the weather, wear sturdy shoes, and bring water and lunch. Location: Meet at the OSU parking lot across from the Beanery at Monroe and 26th 9:30 a.m. For information call Louise at 541-753-0012

July 7, Saturday

Hike: Iron Mountain. Save the date for Dan Luoma's annual fieldtrip. Details to follow in next *Bulletin*.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

May 5, Saturday, 10am-2 pm

Field Trip: Native Flora of the Lower McKenzie. Join the McKenzie River Trust, NPSO, and Lane County Parks as we explore riparian forest and upland Douglas fir and oak forest on a tour of the Berggren Watershed Conservation Area and neighboring Vickery Park. We begin at the Berggren property, touring the farm fields and riparian area with an eye to habitat restoration. Pause for a BYO lunch by the McKenzie River, and then continue on to the undeveloped and relatively pristine Vickery County Park next door. This riverside park of 80 acres covers a steep, rocky hillside. Diverse habitats include oak savanna and dense forest. For more information and to sign-up, go to the MRT website, at www.mckenzie-river.org or call Liz at 541-345-2799.

May 19, Saturday, 9 am

Mount Pisgah Arboretum Wildflower Festival Collection and Setup. If you'd like to help collect flowers for the show please contact David McClurg at dpm@efn.org or call 541-746-9478. To help set up displays, come to the Arboretum at 9 am, Saturday.

May 20, Sunday, 10 am-4 pm

Mount Pisgah Arboretum Wildflower Festival. A plant sale and hundreds of native wildflowers will be on display. There will be live music, information booths of many local organizations, and food! Sponsored by the Mount Pisgah Arboretum, Lane Community College's Botany Department and Emerald Chapter, NPSO. Information: 541-747-3817.

May 21, Monday, 7:30 pm

Presentation: A Botanical Life. Rhoda Love presents "A Botanical Life," a short old-fashioned, slide show depicting Rhoda's botanical excursions and adventures. Dr. Love taught botany for many years at Lane Community College and has been an influential member of Emerald Chapter, NPSO since its founding more 30 years ago. Location: EWEB Training Room, 500 E. 4th Avenue, Eugene. Information: 541-345-5531.

June 16, Saturday, 9 am

Field Trip: Horse Rock Ridge. Alan

Curtis leads a 4-mile hike to a steep, rocky meadow high in the Coburg Hills north of Springfield. There are wonderful views of the surrounding countryside and great botanical diversity. Bring water and lunch. Meet at South Eugene High School at 9 am. Information: 541-345-2571.

Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby at 541-884-5703 or smalaby@cs.com.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at wusara96@yahoo.com.

May 10, Thursday, 7 pm

Meeting: Projects in The Dalles Watershed: Trails and Mill Creek Ridge Natural Area. Bruce Lumper, Co-Chair of The Dalles Watershed Council, will review what the Council has done, is doing, and plans to do in the Mill Creek, Three Mile Creek and Chenoweth Creek watersheds. He will focus on the Mill Creek Ridge Natural Area Project and on the Lower Mill Creek and Riverfront Trail Projects. Lumper not only will describe these projects, but also will suggest how NPSO folks might be able to support, participate and be kept apprised of these efforts. Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

June 14, Thursday, 7 pm

Meeting: Larkspurs in the Wake of the Flood: Molecular Genetic Diversification of a PNW Wildflower. Keith Karoly, Professor of Biology at Reed College, will discuss his current research on the diversification of larkspurs in the Columbia River Gorge and western Oregon, with an emphasis on understanding how events since the last Ice Age have shaped their current diversity and distribution. Visit his website: <http://academic.reed.edu/biology/professors/kkaroly/research.html>. Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

May 5, Saturday, 9 am

Hike: Tom McCall Preserve. A moderately strenuous 3-mile round-trip hike beginning at the Rowena Crest viewpoint, 6 miles east of Mosier (a 5-mile trip can be obtained by adding the Rowena Plateau loop). The trail follows an old pioneer wagon route for 0.5 miles across a flower-packed plateau to a meadow. Beyond the meadow, the trail begins to climb the lower slopes of McCall Point and steepens toward the summit (total elevation gain 1,000 ft). The vista includes Mount Adams to the northwest and Mount Hood to the southwest, and one can hope to see, among others, *Lomatium columbianum*, *L. grayii*, *L. nudicaule*, *Saxifraga integrifolia*, *S. occidentalis*, *S. mertensiana*, and *Orobancha uniflora*. Meet at the Rowena overlook parking lot. Information: Don Hardin, donhardin0@gmail.com, 509-493-4819. (N.B. Please let Don know if you would like to be added to his e-mail list.)

May 12, Saturday, 7:30 am

Silver Falls State Park Birding and Wildflower Festival. A group will carpool from the White Salmon area, leaving ~7:30 a.m. Highlights for this year's event include hourly native plant and wildflower walks and a variety of birding activities. Registration is required for select bird walks (call 503-874-0201). For more information about the festival, go to: http://www.oregonstateparks.org/park_211.php?eventid=4016&md=event. For more information about carpooling, contact Don Hardin, donhardin0@gmail.com, 509-493-4819.

May 31, Thursday, 9 am

Hike: Dalles Mountain Ranch. This trip will combine travel by car up Dalles Mountain Road to roadside wildflower areas and a 3-mile (round-trip) hike up a gated access road that begins past the old Dalles Mountain Ranch House. The drive up Dalles Mountain Road may present vistas of *Balsamorhiza deltoidea*, *Lupinus latifolius*, *Lomatium nudicaule*, *L. leptocarpum*, and more. Back at the ranch, hiking past the gate on the access road takes one through the Columbia Hills Natural Preserve for 1.5 miles to the top of 3220 foot Stacker

Butte. It is often windy on Dalles Mountain. Meet at 9 a.m. at the pull off on the north side of Hwy 14 just west of its junction with Hwy 197. This trip will be led by Don Hardin, donhardin0@gmail.com, 509-493-4819.

June 9, Saturday, 9 am

Hike: The Dalles Airport Dunes and Hess Lake. This trip will combine three short loop walks in an area that is ecologically different from those usually visited in the Gorge. The first is a half-mile loop up onto the sandy-soil hills to the southeast of The Dalles Airport. The second half-mile loop starts at Hess Lake and wanders cross-country up onto the hill to the southeast. The third loop follows an undeveloped path around Spearfish Lake. We hope to see *Oenothera pallida*, *Abronia mellifera*, *Erigeron filifolius*, and more. Meet at the junction of WA Hwy 14 and Hwy 197. Led by Don Hardin, donhardin0@gmail.com, 509-493-4819.

Portland

If you would like to receive the chapter's semi-official e-mail newsletter, The Calochortus, e-mail Don Jacobson at donjphoto@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

May 3, Thursday

Hike: 3-Creeks Natural Area. An easy hike through the 3-Creeks Natural Area in North Clackamas County on undeveloped trails through oak woodlands, bottomland hardwood forests, seasonal wetlands, and one of the largest populations of camas in the Metro region. We will be looking for camas, checker lily, white fawn lily, trillium (Pacific and small flower), and other surprises. Less than half a mile from Exit 14 (Sunnyside Blvd.) off of I-205. Contact Rick Till at ricktill@gmail.com or 503-750-6599.

May 4, Friday, 10 am

Hike: Cooper

Mt. Come explore Willamette Valley Quercus garryana ecological system. Nature Serve ranks this system as globally endangered to critically endangered. Bring lunch, water and appropriate clothing for hiking off trail. 2-3 hour hike. Meet at parking lot. Contact: Erin Riggs at Erin.riggs14@gmail.com

May 6, Sunday

Class/Hike: Grass ID. Join Rick Shory, who has worked botanically with grasses since 1993 for a four hour grass ID/hike at Tualatin River NWR, Sherwood, OR. We will easily find all the grasses we need within a quarter mile of the refuge center. This class is fine for first-timers or for those already working with grasses. Attendees will use visual recognition or your preferred key. 32 miles round-trip drive. Contact: Rick Shory at rickshory@gmail.com or 503-253-8100 for additional information on the class and to sign up for the ID/hike. On the day of the class, contact Rick on his mobile 360-774-6593.

May 10, Thursday, 7 pm

Program: Grand Ronde Ethnobotany: A brief discussion on traditional plants and their uses by the Confederated Tribes of Grand Ronde. Join Eirik Thorsgard, Tribal Historic Preservation Office of the Confederated Tribes of the Grand Ronde Community of Oregon for this great talk. Metro building at 600 NE Grand Avenue, Portland, Oregon. Enter the building at the south end of the upper plaza on Irving St, (not the door on 600 NE Grand Ave). An attendant will let you in and direct you to the meeting room upstairs. Informal meeting starts at 7 pm. Formal meeting begins sharply at 7:15 p.m. Contact: Angie Moore at mlm@teleport.com or 503-292-2093.

May 12, Saturday

Field Trip: Elk Rock Island. We're trying to arrange canoes to get to the island. Check our website <http://npsoregon.org/chapters/po.html> for status of the hike or contact Angie Moore at mlm@teleport.com 503-292-2093.

May 19 and 26, Saturdays, 8:30 am-4 pm

Class: Plant Keying Class. Join Brent Miller at Tryon Creek State Park as you learn how to use a key to identify live or pressed plants. The first day of class will be with plants in a classroom learning how to read a key, and getting familiar with basic technical vocabulary. The second day we'll take our knowledge into the field, literally by bringing our floras with us, but also by keying out plants in their native habitats. NPSO members get first enrollment priority. \$20 fee. Registration: Contact Angie Moore at mlm@teleport.com or 503-292-2093 or Roger Brewer at rogerbrewer@comcast.net or 503-789-5027.

May 24, Thursday, 9:30 am-12 pm

Work Party: The Great Camas Patch Scotch Broom Pull. Last fall we made excellent progress to control Scotch Broom on this piece of property that Russ Jolley loved and cared for. At this work party we will be looking for and eliminating, new sprouts and removing plants we missed last time. Please bring clippers, loppers, hand saws and gloves. You can picnic at the Great Camas Patch or travel to another site to picnic and hike. Parking is limited. Meeting and Carpool information: Angie Moore at mlm@teleport.com or 503-292-2093.

June 7, Thursday

Field Trip: Dog Mtn. Nothing beats this in the Gorge for flowers and views. Balsamroot, lomatiums, orchids, and much more. Very difficult hike, 7-mile, 2900 ft elevation gain but at a botanical pace (slow), at least on the way up. 110 mile RT drive. Contact Roger Brewer at rogerbrewer@comcast.net or 503-789-5027 for more information and to sign up for the hike. Hike will be rescheduled in case of rain.

June 9, Saturday

Hike: McCord Creek. Led by Roger Brewer, this is an easy hike of 3 miles RT, 600 feet elevation gain. Excellent way to see great Gorge flowers and beautiful waterfalls only 35 miles from Portland. Flowers we may see include *Erigeron oregana*, *Erigeron howellii*, *Hieracium longeberbe*, *Stenanthium occidentale*, penstemons, and delphiniums. Contact Roger Brewer at

rogerbrewer@comcast.net or 503-789-5027 to register.

June 14, Thursday

Powell Butte State Park Grass ID class/Hike. Led by Rick Shory, who has worked botanically with grasses since 1993. We will easily find all the grasses we need within a quarter mile of the parking area. This class is fine for first-timers or for those who have taken Rick's previous grass ID classes. Attendees will use visual recognition or your preferred key. Contact Rick Shory at rickshory@gmail.com or 503 253-8100 for additional information to register. On the day of the class, contact Rick on his mobile 360 774-6593.

June 19, Tuesday

Hike: Tamanawas Falls Hike led by Don Jacobson. Mark this date if you're interested and watch next month for hike details. High elevation hikes are potentially subject to date change depending on snow level and the blooming season.

June 26, Tuesday

Grassy Knoll Hike led by Jan and Dave Dobak. Mark this date if you're interested and watch next month for hike details. High elevation hikes are potentially subject to date change depending on snow level and the blooming season.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2012, make a suggestion, or provide feedback regarding the field trip program please contact Sasha Joachims at: sasharain71@gmail.com.

May 12, Saturday, 9 am

Hike: Upper Table Rock. Join Sasha Joachims on an easy hike through oak woodland, chaparral, mixed woodland, to the mounded prairie/vernal pools on the top. Highlights include the endemic southern Oregon buttercup, the rare dwarf wooly meadowfoam and many

other spring flowers. We will meet at the Upper Table Rock trailhead off Modoc Rd. Parties interested in carpooling from Ashland should meet at behind the Oil Stop at 8am (leave by 8:15) and folks interested in carpooling from Grants Pass at the Wal-Mart parking lot next to the Taco Bell at 7:45am (leave by 8). Carpools unguided and self-directed. Contact Sasha Joachims at sasharain71@gmail.com or 541-661-3492.

May 17, Thursday, 7:15 pm

Mysteries of the Monotropeae Revisited: 25 Years of Demystification.

This presentation by Dr. Dan Luoma integrates wildflower and mushroom natural history for a group of plants that don't have chlorophyll (snow plants and relatives). Southern Oregon University, Science Bldg., RM 171. Contact Kristi: 541.941.3744. Getting there: From Siskiyou Blvd, travel south (uphill) on Mountain Ave. to Ashland St. Take a left on Ashland St. and the Science Building will be on your right after Elkader. Walk up the steps or to avoid the steps, drive around the Science Bldg. and park in the back.

May 19, Saturday, 9am

Hike: Sterling Mine Ditch in the Little Applegate Valley. Barb Mumblo will lead a hike from the Tunnel Ridge Trailhead up to the Sterling Mine Ditch and back down to the Bear Gulch trailhead. The Sterling Mine Ditch was completed in 1877 to bring water from the Little Applegate River to Sterling Creek for hydraulic mining. Elevations are from 2400' to 2800' through oak woodlands and meadows (even a juniper tree) with great views of the Little Applegate. The hike is easy, approx. 4 miles long (with shuttle between trailheads). Meet at Ruch at parking lot near Ruch Country Store on Hwy 238. Call Barb at 541-899-3855 (week days) for more information. Parties interested in carpooling from Ashland should meet at behind the Oil Stop at 7:45am (leave by 8) and folks interested in carpooling from Grants Pass at the Wal-Mart parking lot next to the Taco Bell at 7:45am (leave by 8). Carpools unguided and self-directed.

Umpqua Valley

Visit www.umpquavalley.npsoregon.org for more information on chapter activities.

May 5, Saturday, 9 am-4 pm

Event: Native Plant Sale Roseburg. 6th year. Visit our NPSO booth and plant sale at the Master Gardeners Plant and Garden Expo at the Douglas County Fair Grounds. I-5 exit 123. Also visit us at the Douglas County Museum lawn. Members available to answer your landscaping and restoration questions. Information: Donna Rawson 541-459-2821 evenings.

Willamette Valley

For program information, contact John Savage at 503-399-8615 or Alexandra Ninneman at 503-391-4145.

May 12 and 13, Saturday and Sunday, 11 am

Silver Falls State Park Mother's Day Birding and Wildflower Festival. Wildflower walks will be offered both days beginning at 11 a.m. Members of the Native Plant Society and Silver Falls staff will lead the walks, starting at the historic South Falls Lodge. Bird walks, presentations, and classes and workshops will be available. For a full schedule of activities, call Dorothy Brown Kwaizer at 503-874-0201.

May 16, Wednesday, 6-7:30 pm

Program: Wildflower Walk. John Savage of the Willamette Valley Native Plant Society will lead a wildflower walk through Bush Park and Deepwood Estate. Nearly two dozen native wildflowers will be in bloom. Participants should meet at the bottom of the Soap Box Derby Track off Mission Street. Free. For more information, call John Savage after 7 p.m. at 503-399-8615.

May 26, Saturday, 7 am-5 pm

Field trip: Dog Mountain. Participants in this all-day hike will view wildflowers on Dog Mountain located in the Columbia Gorge on the Washington side. John Savage of the Willamette Chapter of the Native Plant Society will lead the hike. This is a difficult hike. Bring

lunch and water. Free and open to the public. To register, call 503-399-8615 after 7 pm.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Laurie Allen at 541-805-0499 for updates and general information.

Please watch for chapter related events coming in May and June. Events to include native plant sale and nursery tour in Cove, weeding and wildflower viewing.

May 18-20, Friday-Sunday

Event: ODFW Ladd Marsh Bird-a-Thon. Chapter members will be

helping teach children and parents about important associations between birds and plants, and promoting NPSO, during this popular annual event. Follow this link for more details http://www.dfw.state.or.us/education/outdoor_skills/workshops/ladd_marsh_birdathon.asp

May 26, Saturday, 8:30-11 am

Hike and Work Party: Rhinehart Canyon Walk, Watch, and Weed.

Come join us for a collaborative hike, birding, and weeding event with Hells Canyon Preservation Council, and bird loving biologist, Cathy Nowak, in a wonderful riparian environment along the Grande Ronde River.



The Future of Our Annual Meetings

Our annual meeting is very popular. We've visited some amazing locations and seen dramatic displays of flora (and many other items as well). It's not unusual for the annual meeting to "sell out" so its popularity is obvious. Even though we love to attend the annual meeting, it appears that there is less love for hosting the annual meeting. For the past decade or so, we have rotated hosting chapters trying to move to various areas around the state. That strategy has proved to be burdensome for some chapters, especially those with small numbers of active members. At present, we know our 2012 annual meeting will be hosted by the Siskiyou Chapter, but we do not have confirmed chapters for the years after that. When the Board met on April 7th, we discussed several ideas to establish future meeting hosts as well as to make hosting less difficult. We want to share some ideas with you and hope that everyone will begin a conversation about annual meeting hosting and that each chapter will supply suggestions for us (and perhaps think up creative new solutions). Here are some ideas we discussed (that might be employed individually or in combination):

1. Have chapters volunteer to host, rather than rotating through all chapters. Because of the need for advanced planning and reservations, we would probably have to have volunteers at least 3 years out.
2. Create a set of standard locations where the annual meeting would be so that there would be a "template" for hosting, making it easier for smaller chapters. A host chapter could have the option to choose a standard location, or select one outside of the standard set if they so desired. Since you never get to go on all the field trips you want to on any one meeting, this would allow more exploration of areas like Logan Valley.
3. Rather than have chapters host the meeting, ask individuals to volunteer to host it. This would allow people from across chapters who were highly motivated to serve as hosts. It would essentially switch hosting to an annual host committee that would have to be planned several years out.

What are your ideas? Please send them to info@npsoregon.org by May 5, 2012 so we can develop a new creative way for hosting the annual meeting.

morning light coveted by photographers and avoid the wind. His visits to family members in northern California and the Rocky Mountain states were often timed to correspond with native plant society hikes, and he expanded his Society memberships to include the California and Utah native plant societies in addition to the NPSO.

In 2004, he put his computer skills to use by volunteering to create a website for the Dorothy King Young chapter of CNPS (Mendocino County) and continued to serve as their webmaster until his death. He also served as the NPSO webmaster since 2006 and set up and moderated the NPSO Discussion List. He posted many, many of his flower photographs on the CalPhotos website, and later in the NPSO Photogallery, which he set up and managed. His personal botanical websites were creative, whimsical, and artistic: <http://mitella.org/> and <http://botanicals.mymesis.com/photos/main.php>.

Starting with one client in Ashland, Norm developed a far-ranging house and pet sitting service that allowed him to botanize and photograph other areas of Oregon. His reliability, patience, sensitivity and true love of animals resulted in a great demand for his services, and sometimes he was booked a year in advance.

Norm lived in a rustic cabin surrounded by Douglas-fir, Madrone, Ponderosa Pine and White Oak in Takilma in the Illinois Valley for seven years. It had an outhouse for a bathroom and no running water, and he loved it. Maybe his longevity there had something to do with the fact that about half the time he could indulge in all the modern amenities in someone else's house! During his time in the Illinois Valley, he acquired extensive knowledge of the location of the many special plants that grow there and shared his knowledge with other plant lovers by leading multiple NPSO field trips. His final residence was in Medford, where he shared a house with the owners.

Prior to moving to the Rogue Valley, Norm lived in the San Francisco Bay area where he taught school – he



ALEX MAKSYMOWICZ

Exploring Eight Dollar Mountain in 2003

loved teaching his third graders! He claimed to have been the first person to bring a computer into the classroom there, most probably one that he put together from a kit. He taught himself to sail – and spent lots of time sailing in San Francisco Bay. He loved skiing, so when he retired from teaching, he moved to the Lake Tahoe area of California – and skied. His interest in computers (again, self-taught) enabled him to set up a consulting business there. In addition, as ever, he continued to photograph nature.

As a youngster, he contracted polio at the age of 10 and was confined for a full year in an iron lung. He was one of the few to survive this experience and come out relatively unscathed. His brother recalls that it was during this time that he began excelling in school, and perhaps it was during this confinement that he developed his incredible focus and ability to teach himself anything.

Norm loved to cook and eat good food and drink good wine. He was always a welcome guest at dinner parties, especially because he was an attentive, sympathetic and non-judgmental listener. He was a very private person – his way was to learn about others rather than talk about himself. However, he was very open to answering questions

about himself – if asked. He had a great sense of humor and a love of the English language which he put to use frequently – there were those witty jabs with just a touch of sarcasm that always brought a twinkle to his eye, and e-mail exchanges with him could escalate into a game of punmanship, each pun engendering another over many messages.

Norm was a very special person who has left behind not only the extensive family to whom he was very attached, but also the many friends that he made during his 11 years in Oregon, and those previous. His memory lives on in our hearts, and his many exquisite photos populate a number of web pages. His artistic sense is on display in his wildflower photography and in the composition, arrangement and design of his websites.

Norm chose to use his time here on earth doing the things he truly loved. He was a man of peace – gentle, patient, and generous with his time. He walked in beauty.

A memorial fund has been set up through the Oregon Flora Project (<http://www.oregonflora.org/>) to incorporate Norm Jensen's superb photographic record of native plants into a lasting archive for use by the botanic community and as a historic record in documenting the Oregon flora.

Candidates for NPSO Board Positions

The NPSO Nominating Committee offers the following list of candidates for the State offices. Ballots must be returned to the Ballot Counting Committee postmarked by June 1, 2012. Newly elected individuals assume office during the Annual Meeting.

President:

Judi Sanders (Corvallis) is originally from the Roseburg area (the descendent of wagon train pioneers to Oregon) and received her Bachelor's degree from the University of Oregon. She did her graduate work in California and spent her career there. After retiring from the Communication Department at Cal Poly Pomona, she returned to Oregon and was drawn to join NPSO by her interest in wildflowers and gardening.

Currently, in her "spare" time, she teaches communication at Oregon State University but also tries to spend as much time as possible in the great outdoors of Oregon. Judi has been chair of the Native Plant Appreciation Week (NPAW) committee the last six years and is looking forward to continuing her leadership contributions to NPSO (particularly getting more people involved with the NPAW "committee"). Judi was recently appointed to the Oregon Invasive Species Council.

Vice-President:

Billy Don Robinson (Portland) was born and raised in Texas and came to Oregon from Austin, Texas, in 1971. In addition to the Pacific Northwest flora and fauna, he enjoys hiking and camping, swimming, and sketching. Currently NPSO Legislative Committee Chair, he will work with NPSO's State Board to build a larger membership base and thwart threats to our native flora. He is particularly interested in expanding NPSO's 18- to 28-year-old membership demographic: "Our society's mission of ensuring Oregon's legacy of native plants for future generations can be enhanced by vigorously recruiting people who will be active for

the next fifty-plus years."

Secretary:

Lisa Blackburn (Cheahmill) was born and raised in southern California. She graduated with a B.S. in Renewable Natural Resources and an M.S. in Range Management from the University of California at Davis. Lisa moved to Oregon in 1977. She worked for the Forest Service and Bureau of Land Management for 31 years, retiring in 2007 from the BLM Oregon State Office in Portland. Her interest in plants and geology started during childhood through family camping vacations all over the western United States. She became the incumbent by volunteering at the last Annual Meeting to fill the void left by David Barts' moving out of state. Lisa is concurrently serving as President of the Cheahmill Chapter.

Treasurer:

Cyndi Dion (Siskiyou) a 33-year resident of Ashland, grew up in Oakland, California. Cyndi's grandmother, a cactus enthusiast and inveterate gardener, instilled in her granddaughter a great love of all plants. Cyndi's favorite memory of her grandmother is accompanying her in the evening to watch the blooms open on a 20+ foot Night Blooming Cereus planted by her grandmother next to the chimney at their home in Oakland. Cyndi is incumbent Treasurer and has 25 years of experience in bookkeeping and accounting. Cyndi was Treasurer of the Board for the Southern Oregon Land Conservancy for 5 years in the nineties, owned her own bookkeeping and accounting service in Ashland for 14 years, and was the former Accounting Manager for Jefferson Public Radio. Cyndi recently retired as the Business Office Manager for the Oregon Shakespeare Festival, overseeing all accounting functions for a \$22 million not-for-profit corporation. She had held that position for the last 10 years.

Directors-at-large:

Mary Beth Averill (Emerald) grew up in Ohio and got her PhD in ecology at the University of Oregon in 1974. Her work has taken her to Hawaii, California, Connecticut, and Massachusetts. She has taught biology,

ecology, chemistry, plant identification, research methods, and writing for publication. She has worked as a biologist, high school teacher, social worker and currently, an academic writing coach. She moved back to Eugene in fall of 2009 and started attending NPSO meetings almost immediately. She's a wildflower enthusiast.

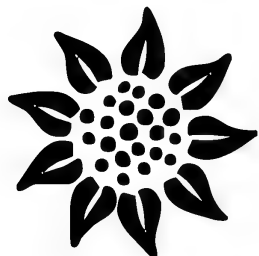
Betty Bahn (Corvallis) is an amateur botanist and retired nurse who enjoys growing collector plants in her Yachats garden - which is a registered wildlife habitat. She studied botany at Lewis & Clark College under Dr. Eugene Kozloff. She was a volunteer at the University of Washington Arboretum for 17 years, chairing several study groups, including species rhododendrons, rock garden and perennial plants. Betty was a member of Tacoma Chapter-Garden Club of America, chairing the native garden at Point Defiance Park. She is a longtime member of Oregon and Washington Native Plant Societies.

Currently, Betty is active in the North American Rock Garden Society, Seal Rock Garden Club, and Lincoln County Master Gardener's Association (LCMGA). She annually teaches Plant and Conifer Identification and Botany to new apprentices for LCMGA. As a member of the Yachats Community Park wetland restoration task force, Betty was responsible for selecting and implementing the planting of 4000 native wetland plants.

Cecile Shohet (Siskiyou) moved to SW Oregon in 2000 to be the district botanist for the Illinois Valley and Galice Ranger Districts of the Siskiyou National Forest. She received her MS in botany from Arizona State University and her undergraduate degree from Queens College, New York City - where she was born and raised. She worked for the Jepson Herbarium as Education Coordinator organizing workshops for the botanic community, and currently has her own consulting business working for both federal agencies and the private sector.

Currently NPSO's co-chair of the Rare and Endangered Plant Committee, she will work with the State Board

to develop programs that engage, educate, and offer members opportunities to become more involved with Oregon's native wild plants. Possible long-term ideas include: - an NPSO sponsored conservation conference, botanic workshops, citizen monitoring of rare plants coordinating with the Oregon Biodiversity Information Center and the Oregon Flora Project and, chapter-led efforts to identify botanical hotspots for conservation planning.



Save the Date: Annual Meeting, July 13-15

The Siskiyou Chapter is honored to be hosting the State Annual Meeting for the Native Plant Society of Oregon this year at Deer Creek Center in Selma, OR from July 13-15th, 2012. Our very special guest speakers will be Dr. Susan Harrison - Serpentine Plant Diversity in the California Floristic Province (Including Southern Oregon) and Dr. Linda Vorobik - Siskiyou Wildflowers: Art and Inspiration. The field trips will feature the high western Siskiyous with trips to Babyfoot Lake, Black Butte, Sanger Peak, Tanner Lakes, Bigelow Basin and more. See the April issue for registration information or go to: <http://siskiyou.npsoregon.org/2012annualmeeting/>. Check the web site periodically for updates. The private and dorm rooms at Deer Creek center are full. Remember: only current NPSO members can attend Annual Meetings. Please renew your membership.



Comment on ODA's possible regulation of *Arundo donax*

ODA is in the "information finding stage" of considering a possible regulation on *Arundo donax*. They have a possible rule in draft form and have invited us to comment on that. The potential rule, as well as correspondence from Tim Butler inviting our comments is now available at <http://www.npsoregon.org/documents/arundoreg.pdf>. You are encouraged to review these carefully and submit your well-argued, thoughtful comments to info@npsoregon.org. We will accumulate and edit these comments into a unified document to forward to the Weed Board. Please submit comments by May 12, 2012.

Willamette Chapter Scholarship Announcement

STUDENTS, TAKE NOTE: The Willamette Valley Chapter will once again be offering a scholarship award for 3rd and 4th year students who will be enrolling in plant systematics or plant ecology at any Oregon college or university for the 2012-2013 school year.

Unfortunately, the Jean Davis Memorial Scholarship is being withheld this year, due to poor earnings. The good news is that one qualified applicant will be selected to receive \$1,000 from the Augusta Rockafellar Memorial Scholarship Fund. Applications will be accepted by mail until **June 1, 2011**. Don't let this opportunity pass you by!

Rules For Scholarship Awards

1. Scholarships are available to students in Oregon colleges, planning their major study in plant systematics or plant ecology.
2. Scholarships are awarded in the amount of \$1000 to worthy

students who will complete at least two years of satisfactory college work by July 1 of the year of receipt of application and are full time students. Graduate students may be eligible if they meet all qualifications except that of full time student.

3. Awards are made in the following manner:
 - a) A certificate is presented to the recipient.
 - b) A check in the amount of the award is submitted to the school of choice, as set forth in rule 1, to be used toward tuition within the following academic year.
4. If an award recipient fails to enroll, changes his or her major, or leaves the school before completing the period for which the award was granted, the full amount or unused part of the money shall be returned to the Memorial Scholarship Fund.
5. Applicants are required to submit:

a) In their own words, a statement of academic and career intent.

b) Two letters of reference from persons able to judge the student's ability to successfully complete study in the area of plant systematics or plant ecology.

c) Full academic record (transcript).

6. The Scholarship Committee Chair must receive all applications, together with items listed in rule 5, no later than June 1. The award will be made by July 1.
7. Scholarships cannot be granted to Scholarship Committee members or their relatives.

Please mail applications and the required documentation to:

Thomas Jenkins
Scholarship Committee Chairman
14380 Salt Creek Rd.
Dallas, OR 97338

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____

Address _____

City _____ State _____ Zip+4 _____

Phone _____ E-Mail _____

Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

Address _____

City _____ State _____ Zip+4 _____

Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Clayton Gautier, NPSO Membership Chair

3927 Shasta View St.

Eugene, OR 97405-4442

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

☐ New ☐ Renewal

☐ Student – \$12 ☐ Regular – \$25 ☐ Family – \$35

☐ Sustaining – \$60 ☐ Patron – \$125 ☐ Life Membership – \$500

☐ Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund \$ _____

Leighton Ho Memorial Field Botany Award Fund \$ _____

Augusta Rockefeller Memorial Scholarship \$ _____

Rare and Endangered Plant Fund \$ _____

Friends of the Oregon Flora Project \$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

OFFICERS & COMMITTEE CHAIRS

STATE OFFICERS

DIRECTORS (to 6/2012)..... Esther McEvoy, Kareen B. Sturgeon, Rhoda Love (to 6/2013) Linda Hardison, Frances Stilwell, Bruce Waugh

PRESIDENT Judi Sanders president@NPSOregon.org; 541-738-6674

IMMEDIATE PAST PRESIDENT..... David Lebo past_president@NPSOregon.org; 503-622-2008

VICE PRESIDENT..... Billy Don Robinson bdmeme@gmail.com; 503-515-1708

SECRETARY..... Lisa Blackburn secretary@NPSOregon.org; 503-538-3976

TREASURER..... Cyndi Dion 897 Hillview Dr., Ashland, OR 97520-3517; treasurer@NPSOregon.org; 541-482-8603

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Roger Brewer roger-brewer@comcast.net; 503-789-5027

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WM CUSICK (La Grande) Laurie Allen (interim) allenla@eou.edu

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CONSERVATION, EAST SIDE..... Vacant.....

CONSERVATION, WEST SIDE..... David Lebo president@NPSOregon.org; 503-622-3191 ext. 639

FRIENDS OF OR FLORA PROJECT Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; hardisol@science.oregonstate.edu; 541-737-4338

LEGISLATIVE Billy Don Robinson bdmeme@gmail.com; 503-515-1708

MEMBERSHIP..... Clayton Gautier 3927 Shasta View St., Eugene, OR 97405-4442; membership@NPSOregon.org

NPSO FELLOWS..... Jan and Dave Dobak..... jddobak@pcez.com; 503-248-9242

RARE & ENDANGERED PLANTS.... Erin Gray & Cecile Shohet..... erin@appliedco.org, cshohet@gmail.com

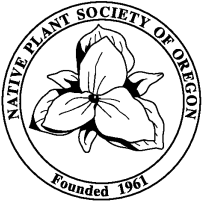
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*Send change of address notices
and membership requests to:*

Native Plant Society of Oregon
Clayton Gautier, Membership Chair
3927 Shasta View St.
Eugene, OR 97405-4442

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www.oregonflora.org

Friends of the Oregon Flora Project

We are pleased to announce that a new version of the Checklist (Version 1.2) has been published. We release new versions of the Checklist when there have been a significant number of changes (in this case, 116) to the nomenclature or the taxonomic status of plants within the state. It results in a sizeable new document, which we present on the Checklist web page as a collection of searchable pdf files. Also, all the plant names you see in the Atlas and Photo Gallery now reflect these changes. A new Checklist resource we have created is a simplified, downloadable table that lists for all plants their scientific and common names, family, status as accepted or synonym, origin, and acronym. You can find this at <http://oregonflora.org/checklist.php#accepted>. We hope you enjoy this new “ready reference” to our flora!

The OFP is honored to be granted use of the plant photographs of late NPSO member Norm Jensen for incorporation into the Photo Gallery. It is a tribute to his artistry and botanical expertise, and allows his knowledge continue to enlighten us even after his passing. Gifts to the OFP in memory of Norm will support the integration effort, and can be sent to the address below.

Contributions can be mailed directly to: Agricultural Research Foundation, Oregon State University, 100 Strand Ag Hall, Corvallis, OR 97331-2219. Please make checks payable to the Ag. Research Foundation, and include “Oregon Flora Project-4482” on the memo line.



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

VOLUME 45, No. 5

JUNE 2012

A Phenological Comparison of Two Deciduous Trees in Western Oregon: Bigleaf Maple (*Acer macrophyllum* Pursh.) and Oregon Ash (*Fraxinus latifolia* Benth.)

by Robert Hladky and William Matthews, Science Division, Lane Community College, Eugene, OR

The authors of this article are members of the NPSO Emerald Chapter and have completed the biology major's sequence at Lane Community College (LCC) which included Botany 213: Principles of Botany, a field ecology and botany course. This article documents their research. For more information about this course or the many plant science courses offered in the Science Division at LCC, contact Gail Baker (bakerg@lanec.edu) or Susie Holmes (holmess@lanec.edu)

While phenology of agricultural, horticultural, and wild species has been studied extensively in Europe, Asia, and the Eastern U.S., phenological research on Western U.S. species has not been as widespread. In western Oregon, Oregon ash (*Fraxinus latifolia*), and bigleaf maple (*Acer macrophyllum*) make fascinating subjects

for phenological study because they are ecologically prominent and overlap in geographical and habitat distribution but differ in their reproductive strategies. Both grow from southern British Columbia to California and into the Western Cascades and Sierras (Minore and Zasada 1990; Hitchcock and Cronquist 1976). Bigleaf maple can

survive in a broad habitat range from dry to wet as well as fertile soils to talus slopes (Minore and Zasada 1990) while Oregon ash is generally more limited to riparian habitats or adjacent poorly

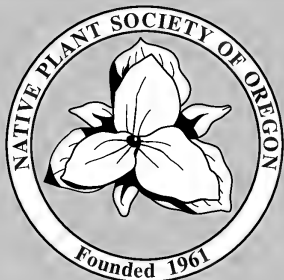
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Bob (left) and Billy (right) recording phenology data in the LCC Native Landscape Area

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

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or correspond directly with Officers and Committee Chairs listed on the inside of the back page.

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Opinions expressed in this publication are those of the authors of the articles. They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

Participate in the Xerces Society's Milkweed Survey



THE XERCES SOCIETY FOR INVERTEBRATE CONSERVATION

Monarch butterflies in North America are in decline, and the loss of milkweed plants (*Asclepias* spp.) across their breeding range is believed to be a significant contributing factor. Milkweeds are vital to the monarch's survival because they are the only plants the caterpillars can eat, to grow and develop into adults. The protection and restoration of native milkweeds is critical to reversing these monarch population declines. Their overwintering sites have been well studied, yet very little is known about where and when these butterflies breed during the rest of the year.

With support from the Monarch Joint Venture, the Xerces Society for

Invertebrate Conservation is working to provide answers. The Society has developed a web-based survey to gather information about the distribution of milkweed in the western states and the location of stands that may serve as important monarch breeding areas. Sites that are identified may then be monitored or prioritized for future conservation activities. If you know where milkweed grows—or will have time to go look—and want to help complete their knowledge of the western monarch migration, please visit <http://www.xerces.org/milkweedsurvey/> to link to the survey. A guide to Oregon's native milkweeds is available for download from the site.



Showy milkweed (*Asclepias speciosa*) in flower at John Anderson's Hedgerow Farms.

JOHN ANDERSON

NPSO CALENDAR

State Notes

July 13-15, 2012

Annual Meeting and State Board Meeting, Selma, OR. Join us for a botanical extravaganza in the Siskiyou Mountains. In addition to the annual meeting, all are invited to attend the NPSO Board meeting from 9 am to 1 pm on Sunday. See the latest updates at the website: <http://siskiyou.npsoregon.org/2012annualmeeting/>

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244.

Cheahmill

For more information, visit the chapter Web site, www.oregon-nativeplants.com. To be added to the e-mail list for upcoming programs and events, please contact cheahmillchapternpsocomcast.net.

June 12, Tuesday, 5 pm-7 pm

Work Party #150: McMinnville Library Native Plant Garden. Monthly work parties have switched over to a mid-week, early evening time slot. Focused weeding and ongoing careful maintenance of the native plant garden is called for during this season of rapid growth. Contact: Susan Williams, 503-538-1865, helgesusan@comcast.net.

June 23, Saturday

Field Trip: Cascade Head TNC Preserve. Join retired Linfield College biology professor Kareen Sturgeon and Debbie Pickering, Oregon Coast Stewardship Ecologist for The Nature Conservancy, for a 5-mile hike (1000' elevation gain) through a Sitka spruce-western hemlock forest and coastal prairie. See beautiful views of the coast from this basalt headland and learn about restoration efforts on the headland, which provides critical habitat for the Oregon silverspot butterfly, rare wildflowers and native prairie grasses. Group size limited to 12; registration is required. To register, call Kareen at 503-472-0866.

June 30, Saturday

Field Trip: Marys Peak. Join Dr. Steven Carpenter, author of "Wildflowers of Marys Peak Meadows" for a visit to this 4,097 foot peak west of Corvallis. Carpoolers from McMinnville should meet at the Linfield College parking lot on the northwest corner of Linfield Ave. & Blaine St., McMinnville by 7:30 am to depart at 7:45 am. We will meet Steve in Corvallis and leave from there about 9:30 am. There is a \$5 day use fee per vehicle; Northwest Forest Passes are accepted. Contact: Jim Culbert, 503-472-8501, jhcultbert@yahoo.com.

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. For a sample copy check out the NPSO website. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Esther McEvoy at co_president@NPSOregon.org or 541-754-0893.

June 2, Saturday, 9:30 am-2 pm

Hike: Return to Lower North ridge trail on Mary's Peak. Same hike, but a very different flora than we saw in April. Easy 4 1/2 mile RT hike. Wear sturdy shoes, and bring water and lunch. Meet at the OSU parking lot across from the Beanery at Monroe and 26th. Contact: Louise, 541-753-0012.

June 9, Saturday, 1:30-3:30 pm

Hike: In search of *Delphinium pavonaceum* with Gaylee Goodrich and Esther McEvoy. We will go to a number of sites where *Delphinium pavonaceum* has grown in the past and check on the populations. This is a car fieldtrip with several stops. We will meet at the OSU parking lot across from the Monroe Beanery to carpool. Bring water and rain gear. Contact: Esther McEvoy, 541-754-0893.

June 16, Saturday, 9:30 am

Hike: Wildflowers on Marys Peak with Phil Hays and Esther McEvoy. We will hike the Connors Camp East Ridge Trail, Tie Trail, North Ridge Trail and back down the East Ridge Trail loop. It is a 6.2 mile loop with a 1600' elevation gain, and should take about five hours including a lunch break at the top, plus 1 1/2 hours travel time. Meet at the OSU parking lot at Monroe and the 27th St. Bring a lunch, water and good hiking shoes. Contact: Esther McEvoy, 541-754-0893.

July 7, Saturday, 8 am

Hike: Iron Mountain. Spectacular wildflowers with over 200 species of vascular plants recorded along this botanically rich trail west of Santiam Pass. The all-day hike will be 5 miles through moderately difficult terrain. Bring good boots, lunch, and water. Meet at the OSU parking lot SW of The Beanery, 26th and Monroe,

Corvallis. Information: Dan Luoma at 541-752-8860.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

June 16, Saturday, 9 am

Field Trip: Horse Rock Ridge. Alan Curtis leads a 4-mile hike to a steep, rocky meadow high in the Coburg Hills north of Springfield. Enjoy wonderful views of the surrounding countryside and great botanical diversity. Bring water and lunch. Meet at South Eugene High School. Contact: 541-345-2571.

July 21, Saturday, 8 am-4 pm

Field Trip: Upper Elk Meadows. Alan B. Curtis will lead a hike to Upper Elk Meadows, 30 miles from Cottage Grove. Elevation of the meadow is 4,000 feet. Over 200 species of vascular plants have been identified here. Of special interest is *Frasera umpquaensis* at its most northerly known location. Surrounding the meadow is an old-growth forest of *Abies amabilis*, *Abies grandis*, and *Pseudotsuga menziesii*. We will walk about 1.5 miles through moist meadow. Wear boots and bring lunch and water. Location: Meet at South Eugene High School. Contact: Alan Curtis, 541-345-2571.

Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby at 541-884-5703 or smalaby@cs.com.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at wusara96@yahoo.com.

June 9, Saturday, 9 am

Hike: The Dalles Airport Dunes and Hess Lake. This trip will combine three short loop walks in an area that is ecologically different from those usually visited in the Gorge. The first is a

half-mile loop up onto the sandy-soil hills to the southeast of The Dalles Airport. The second half-mile loop starts at Hess Lake and wanders cross-country up onto the hill to the southeast. The third loop follows an undeveloped path around Spearfish Lake. We hope to see *Oenothera pallida*, *Abronia melifera*, and more. Meet at the junction of WA Hwy 14 and Hwy 197. Contact: Don Hardin, donhardin0@gmail.com, 509-493-4819.

June 10, Sunday

Annual Summer Pot Luck and Hike. We'll meet at the Rhodes/Bloch home in White Salmon. For details, contact Dell Rhodes, rhodes@reed.edu or Don Hardin, 509-493-3572.

June 14, Thursday, 7 pm

Meeting: Larkspurs in the Wake of the Flood: Molecular Genetic Diversification of a PNW Wildflower. Keith Karoly, Professor of Biology at Reed College, will discuss his current research on the diversification of larkspurs in the Columbia River Gorge and western Oregon, with an emphasis on understanding how events since the last Ice Age have shaped their current diversity and distribution. Visit his website: <http://academic.reed.edu/biology/professors/kkaroly/research.html>. Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

July 12, Thursday, 4 pm

Hike: Conboy Lake National Wildlife Refuge. The Willard Springs Foot Trail is an easy 2-mile loop that begins at the refuge headquarters and parallels the west shore of the old Conboy Lake. The return portion of the Willard Springs Trail uses an old dirt road that travels through a conifer forest. Flowers seen at about this time last year included *Gaillardia aristata*, *Madia citrodoria*, *Platanthera dialata*, and more! Meet at the Conboy Lake Headquarters parking area. Contact: Don Hardin, donhardin0@gmail.com, 509-493-4819.

Portland

If you would like to receive the chapter's semi-official e-mail newsletter, The Calochortus, e-mail Don Jacobson at [\[photo@gmail.com\]\(mailto:photo@gmail.com\).](mailto:donj-</p></div><div data-bbox=)

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

June 7, Thursday

Field Trip: Dog Mtn. Nothing beats this in the Gorge for flowers and views. Balsamroot, lomatiums, orchids, and more. Difficult hike, 7-miles, 2900' elevation gain. 110 mile RT. Rain cancels. Contact: Roger Brewer, rogerbrewer@comcast.net, 503-789-5027 to sign up for the hike.

June 9, Saturday

Hike: McCord Creek with Roger Brewer. An easy hike of 3 miles RT, 600' elevation gain. See great Gorge flowers and beautiful waterfalls only 35 miles from Portland. Flowers we may see include *Erigeron oregana*, *Erigeron howellii*, and more! Contact Roger Brewer at rogerbrewer@comcast.net or 503-789-5027 to register.

June 14, Thursday

Powell Butte State Park Grass ID class/Hike. Led by Rick Shory, who has worked botanically with grasses since 1993. We will easily find all the grasses within a quarter mile of the parking area. This class is fine for first-timers or for those who have taken Rick's previous grass ID classes. Attendees will use visual recognition or your preferred key. Contact: Rick Shory, rickshory@gmail.com, 503 253-8100 for additional information to register. On the day of the class, contact Rick at 360-774-6593.

June 14, Thursday, 7 pm

Program: The Unique Flora of the Siskiyou Mountains and Their Serpentine Soils. Rare plants, carnivorous plants and fragrant blossoms of the Siskiyous by Dr. Kareen Sturgeon, retired biology professor at Linfield College, will feature photos of the unique plants and plant communities found on serpentine soils in the Siskiyou Mountains. She'll discuss how the soils form and the unusual characteristics typical

of plants that grow in these challenging environments. Metro building at 600 NE Grand Avenue, Portland. Enter the building at the south end of the upper plaza on Irving St. An attendant will let you in and direct you to the meeting room upstairs. Contact: Angie Moore, mlm@teleport.com, 503-292-2093.

June 19, Tuesday

Hike: Tamanawas Falls Hike led by Don Jacobson and Roger Brewer. This 4.5 mile round trip, 600' elevation gain hike terminates at one of the loveliest, most accessible falls on the east slope of Mt. Hood. We will see a mix of east and west side plants along the trail that follows Coldwater Creek to the falls. To register and for carpool information, contact: Don Jacobson, 503-235-6234, donjphoto@gmail.com.

June 26, Tuesday

Grassy Knoll Hike led by Jan and Dave Dobak. Forest, rocky outcrops, the bald summit of Grassy Knoll, scree slopes, and plenty of botanical diversity and great views. 130 miles RT drive (20 miles on gravel); 8 miles of hiking with 1000' of elevation gain. USFS parking permit required. Contact: Jan and Dave Dobak, 503-248-9242.

July 2, Monday

Field Trip: Saddle Mt. Join Roger Brewer to explore this botanic gem near the coast, with species including *Dodecatheon dentatum*, *Corydalis scouleri*, and many others. If we make it to the summit and the weather cooperates, we'll be treated to a view from Mt. Rainier to Mt. Jefferson. Full day. Difficult although we will go at botany pace. 160 miles RT. Contact: Roger Brewer, rogerbrewer@comcast.net, 503 789 5027.

July 6, Friday

Hike: Larch Mt. This is a moderate to strenuous hike that consists of an approximately 6.4 mile loop with an elevation gain of 1,300' through meadow and old growth forest. We will also view wildflowers that have emerged within the last several weeks from the recent snow melt. Contact: Ron Klump, ronklump55@comcast.net for more information or to sign up for the hike.

July 7, Saturday

Field Trip: Iron Mt. Iron Mountain is a botanical paradise so wonderful, there's a book about it: *Wildflowers of the Western Cascades*, by Ross & Chambers. The mountain is home to 18 different community types, and at the beginning of July the meadows are in full bloom. Expect to see several *Sedum* and *Castilleja* species, *Lilium washingtonianum*, *Orthocarpus imbricatus*, and more. Moderate 3.4 mile hike round-trip with 1200' elevation gain. 260 miles RT. USFS pass required (or bring \$5 in cash). Contact: Brent Miller, 503-382-7605, foliosus@foliosus.com to register.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2012, make a suggestion, or provide feedback regarding the field trip program please contact Sasha Joachims at: sasharain71@gmail.com.

June 23, Saturday, 1 pm

Hike: Cascade Siskiyou National Monument, PCT south of Hobart Bluff from Hobart Bluff Trailhead. Diane Newell Meyer and Sasha Joachims will lead a moderate hike to look for the newly located range extending site of Brandegee's springbeauty (*Claytonia saxosa*), found in the area last year, and botanize the many other wildflowers found here. Meet behind the Oil Stop off Ashland St. in Ashland at 1pm. Parties interested in carpooling from Grants Pass can meet at the Wal-Mart parking lot next to the Taco Bell and leave by 12:15 but carpool is unguided and self-directed. Contact: Diane, 541-488-2646 (leave message) or Sasha, Sasharain71@gmail.com.

June 30, Saturday, 9 am

Hike: Hinkle Lake Botanical Area in the Upper Applegate Valley. Luke Ruediger will lead a hike to the Hinkle Lake Botanical Area in the Upper Applegate Valley. The extensive meadows surrounding Hinkle Lake are home to

a vast array of flowering plants, as well as the extremely rare alpine liverwort (*Chilocyphus gemmiparus*). This is a coordinated hike with the Applegate Trails Association. The hike includes two separate options: a gentle 3 mile road hike, or a longer 4-5 mile loop with some off trail scrambling and elevation gain. Bring water, food, and wear appropriate clothing. No pets. Meet at the Ruch Plaza. For more information check out the Applegate Trails Association website calendar at www.applegatetrails.org, or contact David Calahan, 541-899-1226, david@applegatetrails.org.

July 7, Saturday, 9 am

Hike: Mt. Ashland. Enjoy the early summer bloom on Mt. Ashland. We'll visit the summit area, Rabbit Ears, and Grouse Meadows. Expect 1-2 miles of easy walking with modest elevation gain. Meet behind the Oil Stop on Ashland St., just west of the BiMart/Shop 'n Kart parking lot in Ashland, about 1/4 mi west of I-5, exit 14. Leader: Alex Maksymowicz, 541-482-1964.

Umpqua Valley

Visit www.umpquavalley.npsoregon.org for more information on chapter activities.

Willamette Valley

For program information, contact John Savage at 503-399-8615 or Alexandra Ninneman at 503-391-4145.

Sunday, June 3, 8:30 am-12 pm

Field Trip: Kingston Prairie Preserve. This 52-acre Nature Conservancy Preserve southeast of Stayton is the best example of native prairie remaining in the central Willamette Valley. Join the Willamette Valley Chapter and Friends of Straub Environmental Learning Center. The hike is free and open to the public. Contact: John Savage, 503-399-8615 after 7 pm.

Saturday, June 16, 8 am-4 pm

Field Trip: Cascade Head Preserve. John Savage will lead a 6 mile roundtrip hike with elevation gain to view wildflowers of the Cascade Head Preserve near Lincoln City. The Preserve features

a scenic coastal headland, many native grasses and flowers, and a population of the rare Oregon silverspot butterfly. Bring food and water. The hike is free and open to the public. Contact: John Savage, 503-399-8615 after 7 pm.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Laurie Allen at 541-805-0499 for updates and general information.

OTHER EVENTS

Siskiyou Field Institute

July 7-10, Saturday-Tuesday

Course: Crash Course in Flowering Plant Families with Linda Ann Vorobik, PhD. Brush up on your botany skills with this intensive plant identification class. Create a framework for learning plants and learn how to key using The Jepson Manual. Morning lab and lectures whet appetites for afternoons in the field. Some botany experience is strongly recommended. Cost: \$250, advance registration is required. Contact 541-597-8530, www.thesfi.org.

July 16-18, Monday-Wednesday

Course: Wildflower Photography with a Pocket Camera with Mark Turner. Photographer Mark Turner will help you learn new ways to photograph flowers, create strong compositions, control natural light, and take charge of your pocket digital camera. Cost: \$150, advance registration is required. Contact 541-597-8530, www.thesfi.org.

July 22, Friday

Course: Botanizing Big Red Mountain with Kristi Mergenthaler. Want a taste of high elevation serpentine botany and ecology on the eastern Siskiyou Crest? Come explore this big red mountain, which supports flower-filled bunchgrass meadows, an exquisite summit rock garden, and an incredible display of beargrass growing in the open subalpine forest. Cost: \$50, advance registration is required. Contact 541-597-8530, www.thesfi.org.

NPSO Citizen's Rare Plant Watch: Search for rare species and contribute to their conservation!

The Citizen's Rare Plant Watch is a new project of the Rare and Endangered Plants Committee, where NPSO botanists and volunteers will revisit historic populations of rare species, collect data on their extent and habitat, and contribute directly to the conservation of species throughout Oregon! Working together with the Oregon Flora Project and the Oregon Biodiversity Information Center (ORBIC) we will determine which plant species are in need of field verification – little is known of range and/or numbers of the species or historic populations haven't been visited in years. On Citizen's Rare Plant Watch outings, knowledgeable botanists and amateurs alike will record information on rare species encountered (we'll create an easy form to take along to record information such as estimated population size, GPS coordinates, elevation, associated species, habitat characteristics, etc.) and photographs of the species. After the trip, any information acquired would be sent to us, and we would work with the ORBIC, the Oregon Flora Project, and Federal and State agencies to enter

it into their databases. Similar citizen-science projects have been a huge success with University of Washington Botanic Garden's Rare Care and the California Native Plant Society's Rare Plant Treasure Hunt, and we want the same for Oregon!

We will plan one or two Citizen's Rare Plant Watch outings this summer, and build from there. Each outing will require a knowledgeable botanist and a leader to work with us to plan it. Eventually, interested people in each chapter will take on the role of being the Citizen's Rare Plant Watch coordinator for that chapter. These outings will be educational experiences, and people of all levels of botany expertise are encouraged to participate!

If you are interested in leading an outing, or participating in one, please contact NPSO Rare & Endangered Plants Committee co-chairs Erin (ecgray830@gmail.com; 541-224-4977) or Cecile (cshohet@gmail.com; 510-604-8201)! We are very excited about the potential of this program to increase understanding of the extent of rare species throughout Oregon.

Highlights of the April 7, 2012 NPSO Board Meeting

by Lisa Blackburn, NPSO Secretary

Treasurer Cyndi Dion is sending letters to each Chapter Treasurer explaining what they need to do for their Chapter State and Federal tax filings. Billy Don Robinson will contact each Chapter to ask for their EarthShare placard displays last year, to report to EarthShare. Candidates for the 2012 elections were announced in the May Bulletin, so be sure to vote! The new co-chairs of the Rare and Endangered Plants Committee (Cecile Shohet and Erin Gray) presented their plans to talk with people all over the state to get ideas and feedback. The Board needs to develop backup plans for key positions, such as Webmaster and Treasurer. Sunia Young is currently serving as the temporary Webmaster. Dan Luoma is willing to be the interim backup Treasurer. The Membership Chair, Clayton Gautier, wants to step down; Robin Darbyshire is willing to take over the position. Robin will develop electronic membership renewal and *Bulletin* delivery. A rotation schedule for the Annual meeting was discussed and we have yet to determine a new 2013 host for the Annual Meeting. It was moved, seconded and passed to establish an Annual Meeting Committee. President Judi Sanders was asked to serve on the State Invasive Species Council, which speaks to the credibility of NPSO. The Council's mission is to coordinate invasive species efforts across the state.

Phenological Comparison, cont. from page 1

drained bottomland (Owsten 2005). In the southern Willamette Valley, both species are frequently seen together in riparian areas. Oregon ash is dioecious and wind pollinated. Bigleaf maple has both perfect and male-only flowers on the same tree and is pollinated by insects. For more details about the mating strategy of bigleaf maples refer to Julian-Gordon (1993, cited in Fryer, 2011) and Wagner (1988). Both produce wind-dispersed samara fruits. Populations of these species have been established in the Lane Community College (LCC) native landscape area which allowed us to study and compare their seasonal phenological growth and development patterns under the same climate conditions.

What were the similarities and difference in phenological patterns of growth and development of each of these species when they experienced the same climate cues? This study focused on temperature fluctuation and rainfall amounts only during the observable and active vegetative and reproductive phenophases from March through June. Twice weekly, phenophase observations were made of 3 branches each on 6 individuals (3 male and 3 female) of Oregon ash and 5 individuals of bigleaf maples. Rainfall and temperatures data are recorded daily on a weather station on a building in

the center of the LCC native landscape area.

Flowering and Leaf Expansion. The flowering of both species precedes the unfurling of leaves but the length and timing of flowering and mature leaf cover differs dramatically (Table 1). Bigleaf maples flowered for the first 3 weeks of April. By the end of April, fruiting was well underway and leaves on each tree were fully expanding to their mature size, taking full advantage of photosynthesis opportunities. In contrast, Oregon ash flowers are exposed for eight weeks with little leaf cover. Oregon ash leaves did not start reaching mature size until the end of May as the female trees started producing fruits. When Oregon ash trees were in full fruit in mid-June, at least 50% of the leaves on each tree were fully expanded mature leaves. The overlap of fruiting and mature leaf development therefore is seven weeks earlier in bigleaf maples than in Oregon ash. This supports the prediction made by Robertson (1985) that wind-pollinated trees hold off leaf development to reduce impediments to wind pollination.

How influential are environmental cues to timing and longevity of these phenophases? Average weekly temperatures and total rainfall were evaluated but the cues we present in Table 1 are day length, weekly rainfall, and temperature extremes. Leaves of

both species began expanding when day lengths were more than 12 hours long despite minimum temperatures below 1°C. Most notable was the full expansion of the bigleaf maple leaves when the extreme minimum temperature jumped from below 1°C to above 3°C. These leaves have a large surface area and may be more vulnerable to cold temperatures. Comparisons between annual climate data are needed to determine if the wet spring of 2011 affected the longevity of any of the phenophases. Forrest and Miller-Rushing (2010) state in their paper on phenology that “it is relatively easy to detect a correlation between some climate variable and a particular phenological response,” but this correlation does not mean causation. Without the ability to isolate different factors, it is difficult to determine the main cues for phenological events. However, our study records both the phenological events and the weather data that Forrest and Miller-Rushing indicate to be paramount. One season is inadequate to fully determine relationships between phenophase and climate cues, but our data provided a good comparison of the phenological patterns of the two species. It also raised many questions about the interactions of different selective pressures for reproductive timing, pollination strategy and optimizing photosynthesis, and how climate cues might affect those patterns.

Table 1: Phenophase comparison between bigleaf maple and Oregon ash, LLC native plant garden, Spring, 2011.

Dates indicate the week starting Monday and ending on Sunday.

Bars show the beginning of each phenophase, beginning bud expansion dates for maple leaves and flowers initiated prior to 3/28.

50% Mature lvs = 50% of leaves on each plant reached maturity; Full flowering = 75% of the flowers on each plant reached maturity

Weekly Climate Data	Date:	3/28	4/4	4/11	4/18	4/25	5/2	5/9	5/16	5/23	5/30	6/6	6/13	6/20
Rainfall (cm)		3.45	5.46	1.3	4.11	6.76	7.9	2.4	2.64	3	11.73	3.61	10.26	5.94
Temperature Extremes	Max	20.2	14.2	13.6	18.1	17.5	19.6	19.8	21.9	20.8	24.7	22.5	23.7	24.8
(°C)	Min	0.4	-0.06	0.1	-1.1	-0.1	3.5	3.3	3.8	5.1	4.4	6.8	6.2	7.2
Day Length (hrs/min)		12/1	13/00	13/21	13/41	14/00	14/19	14/36	14/51	15/5	15/18	15/22	15/27	15/30
Bigleaf maple <i>Acer macrophyllum</i>		New lvs			Mature lvs			50% Mature lvs						
			1st Flwrs		Full flowering									
						1st Fruit		Full fruit (no flwrs)						
Oregon ash <i>Fraxinus latifolia</i>		No observa- tions recorded before 3/28		New lvs							Mature lvs		50% Mature lvs	
				1st Male	1st Female flwrs							Full fruit (no flwrs)		

Biologists in Training. What we enjoyed the most about being “biologists in training” was spending time observing the seasonal development of different species. Like the stereotypical farmer carefully watching a prize pumpkin, we found ourselves developing a deeper relationship with the plants we observed. We also gained some insights about doing research. Bob Hladky was struck by how subjective some of the phenological stages can be. For example, it was challenging to determine the “mature flowers” phenophase for bigleaf maple. It was necessary to make definitive descriptions and photographic images of a mature flowers and the inflorescence. Billy Matthews discovered the importance of monitoring a population of a species rather than one individual because there are variations in phenophases between different plants. Some individuals leaf out and flower a week before or after other individuals. To achieve an accurate consensus, a population needed to be measured. The need is ever increasing for people that are willing to monitor the phenology of different plants (Baker 2011). We encourage anyone who may be even slightly interested to take part in this exciting venture.

Acknowledgements: Thank you to Gail Baker who supervised our research and provided extensive editorial comments about how to present our data for this report.

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Meet us in the Siskiyou Mountains! Annual Meeting July 13-15

by Cindy Roché, Siskiyou Chapter

As host for the 2012 ANPSO Annual Meeting, the Siskiyou Chapter is looking forward to Native Plant friends from far and wide joining us July 13-15 for a botanical extravaganza. Friday evening kicks off with a social, complete with our own NPSO Calochortus howellii wineglasses and a talk by Linda Ann Vorobik. The Siskiyou Mountains are practically Linda's second home, so “Siskiyou Wildflowers: Art and Inspiration” is a program you won't want to miss. Those who registered early had to agonize over the decision of choosing just one among fourteen intriguing field trips centered in the high western Siskiyou Mountains. Even though half of the field trips filled up quickly, it may still be difficult to select just one insider-guided tour on Saturday. In the evening our caterer will serve a superb meal (bring your wineglass again) and Susan Harrison will tell us about Serpentine Plant Diversity in the California Floristic Province (which extends into southern Oregon). Attend the NPSO Board meeting from 9 to 1 on Sunday, or spend some more time exploring the region. See the latest updates at the website: <http://siskiyou.npsoregon.org/2012annualmeeting/>.

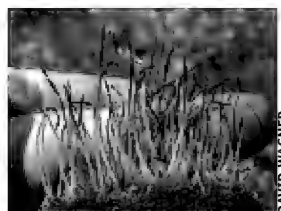


Guide To Oregon Hornworts

David Wagner recently published a guide to hornworts of our state, *Hornworts of Oregon*. Three of the six species native to Oregon have so few records that they qualify for listing as rare in the state. Maybe with further attention, they will be found to be more widespread even if not common.

The guide can be downloaded at no cost as a MS Word document (<http://dl.dropbox.com/u/46975054/HornwortsOfOregon.doc>) or as a pdf file

(<http://dl.dropbox.com/u/46975054/HornwortsOfOregon.pdf>). For those who would like an archival version on cotton content paper with the CD in a back pocket, mail \$25, post paid anywhere in the world,



Phaeoceros carolinianus, a more common hornwort species in Oregon.

to the address below. For a CD of the guide (with the HTML version as well as the pdf file) send \$10. Send check or money order (payable to Northwest Botanical Institute) to:

Northwest Botanical Institute
P.O. Box 30064
Eugene, OR 97403-1064

To use a credit card use PayPal to submit the proper amount to davidwagner@mac.com.

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NATIVE PLANT SOCIETY OF OREGON

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Clayton Gautier, NPSO Membership Chair

3927 Shasta View St.

Eugene, OR 97405-4442

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

☐ New

☐ Renewal

☐ Student – \$12

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☐ Sustaining – \$60

☐ Patron – \$125

☐ Life Membership – \$500

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CONTRIBUTIONS to NPSO are tax deductible.

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Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

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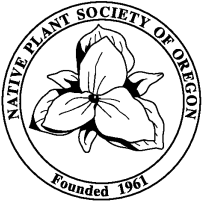
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The Oregon Flora Project is developing a comprehensive reference about the plants of Oregon that includes distribution maps, images of live plants and herbarium specimens, descriptions, and identification tools. The information is available to the public via our website, <http://oregonflora.org>. Funding for the Oregon Flora Project comes exclusively from competitive grants and donations from organizations and individuals. The contributions people give of their time and financial resources are a critical part of our operating budget. If you would like to be a part of the team that keeps the OFP progressing, please contact us at ofpflora@oregonflora.org, or phone 541-737-4338.

Contributions can be mailed directly to: Agricultural Research Foundation, Oregon State University, 100 Strand Ag Hall, Corvallis, OR 97331-2219. Please make checks payable to the Ag. Research Foundation, and include "Oregon Flora Project-4482" on the memo line.



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

VOLUME 45, No. 6

JULY 2012

Park Creek Coming Into Bloom: June 6th, 2012

by Tanya Harvey

A version of this article was originally posted on the author's website. For more reports on plant hunting in the Western Cascades, as well as plant lists and site information, visit it at www.westerncascades.com.

Last year, when Mark Turner was looking for places to photograph shrubs for his upcoming book *Shrubs of the Pacific Northwest*, I suggested he visit the Park Creek Basin near Three Pyramids. There are lots of interesting shrubs growing within a short distance of the roadside. Not only was he successful photographing the shrubs he was looking for, he also discovered a very rare one: *Ribes triste*, known as swamp red currant or wild red currant. I located the plants later in the summer (see Rare Currant at Park Creek), but

was anxious to see them in bloom. I also wanted to see the flowers of some odd little willows I'd found on that trip.

I decided to head up there on Wednesday, June 6. Sabine Dutoit accompanied me. I was concerned about the timing, as I hadn't been that far north yet this year, and there's no telling where the snow level is in a cool spring like this. Last year, Mark saw them in perfect bloom on June 23, but in 2001 we were about a month behind "normal". It's been cool and damp this

spring but not as extreme as last year, so I figured I might hit it right. I used to be quite good at figuring out when a particular plant might be in bloom, based on spring weather, winter snow-pack, and past experience at a variety of locations. But the last few years, the nasty springs had really thrown off my phenology radar. It seems I might be back in business—my timing was

continued on page 6

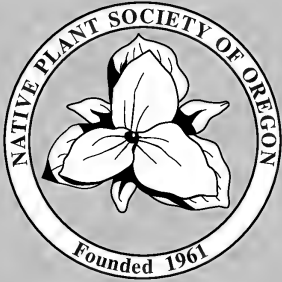


TANYA HARVEY

Snow remains on Three Pyramids beyond Park Creek

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Native Plant Society of Oregon

World Wide Web

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E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message: subscribe npsoc

General Business Address

P.O. Box 902
Eugene, OR 97440

or correspond directly with Officers and Committee Chairs listed on the inside of the back page.

Membership Inquiries Only

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The submission date is the 10th of each month for the following month's issue except for the Aug/Sept issue which is July 24 and the Dec/Jan issue which is November 24. Send submissions by e-mail to bulletin@NPSOoregon.org.

Opinions expressed in this publication are those of the authors of the articles. They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

Meet us in the Siskiyou Mountains! Annual Meeting July 13-15

by Cindy Roché, Siskiyou Chapter

As host for the 2012 NPSO Annual Meeting, the Siskiyou Chapter is looking forward to Native Plant friends from far and wide joining us July 13-15 for a botanical extravaganza. Friday evening kicks off with a social, complete with our own NPSO *Calochortus howellii* wineglasses and a talk by Linda Ann Vorobik. The Siskiyou Mountains are practically Linda's second home, so "Siskiyou Wildflowers: Art and Inspiration" is a program you won't want to miss. Those who registered early had to agonize over the decision of choosing just one among fourteen intriguing field trips centered in the high western Siskiyou Mountains. Even though half of the field trips filled up quickly, it may still be difficult to select just one insider-guided tour on Saturday. In the evening our caterer will serve a superb meal (bring your wineglass again) and Susan Harrison will tell us about Serpentine Plant Diversity in the California Floristic Province (which extends into southern Oregon). Attend the NPSO Board meeting from 9 am to 1 pm on Sunday, or spend some more time exploring the region. See the latest updates at the website: <http://siskiyou.npsoregon.org/2012annualmeeting/>.



Norm Jensen Commemoration: July 13th

The NPSO Community is invited to spread Norm Jensen's ashes with his family prior to the beginning of the annual meeting on Friday, July 13th. We will meet at a specified location on Eight Dollar Mountain at 4 PM, an hour before the social hour is set to begin. Please email Cecile Shohet (cshohet@gmail.com) if you would like meeting place information.



Norm at Woodcock Fen

ALEX MAKSYMOWICZ

NPSO Needs a New Membership Chair

NPSO needs a new Membership Chair! - if you are looking for a way to make a significant contribution to the Society, have a few hours a week of spare time, and enjoy working with computers, then please let the out-going Chair, Clayton Gautier (cgautier@comcast.net) know you are interested. A general description of the duties and responsibilities can be found in the NPSO Board Handbook (<http://npsoregon.org/documents/NPSO-BoardHandbook.pdf>). Clayton will be happy to provide additional details and answer any questions you might have.

NPSO needs a new NPSO Bulletin Editor

NPSO is seeking an editor for the *Bulletin*. This position requires editing skills and monthly e-mail correspondence with chapter presidents, board members, and other NPSO community members. The editor must be willing to commit 8 to 12 hours to each issue. The *Bulletin* is published 10 times per year. The editor must have computer skills, e-mail access, and a personal computer. Layout and graphics are not a part of the Editor's position. If you are interested, please contact president@npsoregon.org or bulletin@npsoregon.org.

NPSO CALENDAR

State Notes

July 13-15, 2012

Annual Meeting and State Board Meeting, Selma, OR. Join us for a botanical extravaganza in the Siskiyou Mountains. In addition to the annual meeting, all are invited to attend the NPSO Board meeting from 9 am to 1 pm on Sunday, or spend some more time exploring the region. See the latest updates at the website: <http://siskiyou.npsoregon.org/2012annualmeeting/>

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244.

Cheahmill

For more information, visit the chapter Web site, www.oregon-nativeplants.com. To be added to the e-mail list for upcoming programs and events, please contact cheahmillchapternpsocomcast.net.

July 10, Tuesday, 5-7 pm

Work Party #152: Native Plant Garden, McMinnville Library. Summer work parties are a great way to catch up with friends and see what the garden's native plants are up to! We remain focused on weeding and ongoing maintenance of the garden specimens. Newcomers are welcome! Contact: Susan Williams, 503-538-1865, helgesusan@comcast.net.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Esther McEvoy at co_president@NPSOregon.org or 541-754-0893.

July 7, Saturday, 8 am

Hike: Iron Mountain. Spectacular wildflowers with over 200 species of vascular plants recorded along this botanically rich trail west of Santiam Pass. The all-day hike will be 5 miles through moderately difficult terrain. Bring good boots, lunch, and water. Meet at the

OSU parking lot SW of The Beanery, 26th and Monroe, Corvallis. Information: Dan Luoma at 541-752-8860.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

July 21, Saturday, 8 am-4 pm

Field Trip: Upper Elk Meadows. Alan B. Curtis will lead a hike to Upper

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. For a sample copy check out the NPSO website. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12.

Elk Meadows, 30 miles from Cottage Grove. Elevation of the meadow is 4,000 feet. Over 200 species of vascular plants have been identified here. Of special interest is *Frasera umpquaensis* at its most northerly known location. Surrounding the meadow is an old-growth forest of *Abies amabilis*, *Abies grandis*, and *Pseudotsuga menziesii*. We will walk about 1.5 miles through moist meadow. Wear boots and bring lunch and water. Location: Meet at South Eugene High School. Contact: Alan Curtis, 541-345-2571.

September 17, Monday, 7:30 pm

Meeting: Stephen Meyers presents, "What's in a Name? Recent Major Changes in Taxonomy that affect the Oregon Flora." Are you puzzled by all the botanical name changes and shifting of plants to new families. Dr. Meyers from Oregon State University gives us the latest scoop on plant classifications. Location: EWEB Training Room, 500 E. 4th Avenue, Eugene. Information: Mary Beth Averil, 541-349-9999.

Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby at 541-884-5703 or smalaby@cs.com.

The following wildflower field trips are sponsored by the Klamath Basin Chapter of the Native Plant Society, Klamath County Museum, Fremont-Winema National Forest, and Crater Lake National Park. For all trips it is recommended that you bring sturdy shoes or boots, plenty of water, sun screen and/or a hat, and a lunch. Be prepared for mosquitoes at most sites. Contact the trip leaders for more information.

July 7, Saturday, 9 am

Hike: Marin's Dairy led by Vicky Liskey. This area is west of highway 97 between Dorris and MacDole. It is easy access from our cars. Meet at the Midland rest stop at 9 am and car pool from there. Bring a lunch. Registration required. Open to the public. Information and registration: Vicky, 541-891-7019, liskeygh@aol.com

July 14, Saturday, 9 am-12 pm

Hike: Short Creek Area with Missy Anderson. We will follow Short Creek, heading south along FS Rd. 3100 and ending up on the Westside Rd. There will be some walking off-trail for short distances. Of course mosquito repellent will likely be needed! Meet at Sevenmile guard station, which is near Sevenmile Creek, at the junction of Nicholson Road and Forest Roads 3200/3100. To get there go to Fort Klamath, turn west onto Nicholson Road and go 4 miles, until you reach FS land, then turn right (north) onto FS Rd. 3200. Information and registration: Missy Anderson - Forest Service Chiloquin District Office, 541- 783-4001.

July 21, Saturday, 9 am-12 pm

Hike: Dry Creek with Sarah Malaby. The trip will consist of approximately 1 mile of easy walking on the Dry Creek Snowmobile Trail. We did this trip last year and not many people came, but it is a great area to view forest wildflowers, so we are giving people a second chance to attend. Meet at the Great Meadows Sno-park at 9 am. The Sno-Park is off Highway 140 approximately 30 miles west of Klamath Falls, near the Dead Indian Memorial Road junction. From there, we will caravan to the field trip site at Forest Road 3640-020. Information and registration: Sarah Malaby, 541-884-5703.

August 4, Saturday, 9 am-12 pm

Hike: 4-Mile Lake Area with Missy Anderson. We will mainly be exploring the interesting riparian and boggy habitat around Bull Swamp. There are no trails through this area and walking will be moderate to difficult in places (e.g. climbing over downed logs and through wet areas, etc). Rubber boots/waders (or shoes you don't mind getting wet and muddy) are recommended. Mosquitoes are expected, so bug spray/net would be good too. Meet at the junction of Highway 140 and FS Rd 3661 (this is the road to 4-Mile Lake, about ½ mile before MP 35). Information and registration: Missy Anderson - Forest Service Chiloquin District Office. 541- 783-4001.

August 18, Saturday, 9 am-12 pm

Hike: Crater Lake Garfield Peak Trail with Jen Beck. Hike is 3.4 miles round trip and a strenuous climb (1000' elevation gain) to the summit of Garfield Peak along the Crater Lake rim. Meet near the east end of the Crater Lake Lodge at Rim Village. Please note that participants will need to pay a \$10 entrance fee or have a park pass. Information and registration: Jen Beck - Crater Lake National Park, 541-594-3072

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at wusara96@yahoo.com.

July 12, Thursday, 8 am

Hike: Lookout Mountain (WA) and USFS Road 4220. Located about 14 miles from Stabler up the Wind River Highway, Lookout Mt presents spectacular views and the area provides vibrant mid-summer wildflower displays. Easy hike. Meet at the Bingen Park and Ride on Hwy 14 just west of the north end of the Hood River Bridge. Contact Don Hardin, donhardin0@gmail.com, 509-493-4819 for details and to register. *Note that this is a change from the destination listed in the June Bulletin.*

Portland

If you would like to receive the chapter's semi-official e-mail newsletter, The Calochortus, e-mail Don Jacobson at donjphoto@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

July 2, Monday

Field Trip: Saddle Mt. Join Roger Brewer to explore this botanic gem near the coast, with species including *Dodecatheon dentatum*, *Corydalis scouleri*, and many others. If we make it to the summit and the weather cooperates, we'll be treated to a view from Mt. Rainier to Mt. Jefferson. Full day. Difficult although we will go at botany pace

(slow). 160 miles RT. Contact: Roger Brewer, rogerbrewer@comcast.net, 503 789 5027.

July 6, Friday

Hike: Larch Mt. This is a moderate to strenuous hike that consists of an approximately 6.4 mile loop with an elevation gain of 1,300' through both meadow and old growth forest. We will also view wildflowers that have emerged within the last several weeks from the recent snow melt. Contact: Ron Klump, ronklump55@comcast.net for more information or to sign up for the hike.

July 7, Saturday

Field Trip: Iron Mt. Iron Mountain is a botanical paradise so wonderful, there's a book about it: *Wildflowers of the Western Cascades*, by Ross & Chambers. The mountain is home to 18 different community types, and at the beginning of July the meadows are in full bloom. Expect to see several *Sedum* and *Castilleja* species, *Lilium washingtonianum*, *Orthocarpus imbricatus*, and more. Spectacular views. Moderate 3.4 mile hike round-trip with 1200' elevation gain. 260 miles RT. USFS pass required (or bring \$5 in cash). Contact: Brent Miller, 503-382-7605, foliosus@foliosus.com to register.

July 31, Tuesday

Hike: Lookout Mountain is east of Hood River Valley. We'll hike the loop from High Prairie up to the top of Lookout Mountain, down to Gumjuwac Saddle, and back up to High Prairie. A variety of forest, meadow, and rocky outcrops with great plants. The hike is 7 miles with 2,000 ft elevation gain. Round trip drive is 150 miles paved, 12 miles gravel. NW Forest Pass required. To register and to receive meeting location information, contact Ron Klump at ronklump55@comcast.net.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get

a confirmation email. If you would like to volunteer to lead a hike in 2012, make a suggestion, or provide feedback regarding the field trip program please contact Sasha Joachims at: sasharain71@gmail.com.

July 7, Saturday, 9 am

Hike: Mt. Ashland. Enjoy the early summer bloom on Mt. Ashland. We'll visit the summit area, Rabbit Ears, and Grouse Meadows. Expect 1-2 miles of easy walking with modest elevation gain. Meet behind the Oil Stop on Ashland St., just west of the BiMart/Shop 'n Kart parking lot in Ashland, about 1/4 mi west of I-5, exit 14. Leader: Alex Maksymowicz, 541-482-1964.

August 4, Saturday, 8:30 am

Hike: Observation Gap and Cow Creek Hollow (about 1 mile along the PCT south of the road to Dutchman Peak fire lookout). From swaths of *Epilobium siskiyouense* along the Pacific Crest Trail to the unusual blooms of *Saxifraga odontoloma* in wet meadows, floral riches of all sorts abound in this wonderful area where cowbells usually provide a musical accompaniment.

Parking is very tight at Cow Creek Hollow, so try to avoid bringing large vehicles. Meet 8:30 am behind the Oil Stop on Ashland St, just west of the BiMart/Shop 'n Kart parking lot in Ashland, about 1/4 mi west of I-5, exit 14, or 9:45 am in the library parking lot in Jacksonville. Information: Alex Maksymowicz, 541-482-1964.

Umpqua Valley

Visit www.umpquavalley.npsoregon.org for more information on chapter activities.

Willamette Valley

For program information, contact John Savage at 503-399-8615 or Alexandra Ninneman at 503-391-4145.

July 8, Sunday, 7:30 am

Field Trip: Iron Mountain. Enjoy one of the best wildflower hikes in Oregon. Iron Mountain (near Sweet Home) has over 300 different species of flowers amid stands of trees and meadows. John Savage of the Willamette Valley

Chapter of the Native Plant Society will lead the all-day hike over a seven-mile loop with elevation gain. Bring food and water. Free and open to the public. Information and registration: 503-399-8615 after 7 pm.

July 15, Sunday, 8 am

Field Trip: Kingston Prairie Preserve. This 52-acre Nature Conservancy Preserve southeast of Stayton is the best example of native prairie remaining in the central Willamette Valley. Sponsored by Willamette Valley Chapter of the Native Plant Society of Oregon and Friends of Straub Environmental Learning Center, the hike is free and open to the public. Registration is required. Registration and information: John Savage, 503-399-8615 after 7 pm.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Laurie Allen at 541-805-0499 for updates and general information.

OTHER EVENTS

Ashland Parks & Recreation

July 14, Saturday, 10 am-2 pm

Hike/Lecture: Edible & Medicinal Plants of Grizzly Peak. Examine medicinal and edible plants with Clinical Herbalist Jon Carlson in the Cascade Mountains. Hiking difficulty will be easy to moderate. Open to all levels. \$35. Meet at the Grizzly Peak Trailhead. Register online at www.ashland.or.us/register or call the Nature Center at 541-488-6606.

Siskiyou Field Institute

July 7-10, Saturday-Tuesday

Course: Crash Course in Flowering Plant Families with Linda Ann Vorobik, PhD. Brush up on your botany skills with this plant identification class. Morning lab and slide lectures whet appetites for afternoons in the field. Some

botany experience strongly recommended. Cost: \$250, advance registration required. Contact: 541-597-8530, www.thesfi.org.

July 16-18, Monday-Wednesday

Course: Wildflower Photography with a Pocket Camera with Mark Turner. Photographer Mark Turner will help you learn new ways to photograph flowers and take charge of your pocket digital camera. Cost: \$150, advance registration is required. Contact: 541-597-8530, www.thesfi.org.

July 22, Friday

Course: Botanizing Big Red Mountain with Kristi Mergenthaler. Want a taste of high elevation serpentine botany and ecology on the eastern Siskiyou Crest? We'll meet lovely rare plants like Lee's lewisia, Siskiyou lewisia, split-hair paintbrush, and Siskiyou willow-herb. Bring your camera! Cost: \$50, advance registration is required. Contact: 541-597-8530, www.thesfi.org.

July 27-29, Friday-Sunday

Course: Intermediate Plant Identification: Asteraceae and Graminoids.

This workshop is aimed at students interested in honing their identification skills for members of the sunflower family and the graminoids (grasses, sedges, and rushes) of Western and High Siskiyou. Vorobik's Crash Course or other plant ID class is prerequisite. Tuition for this class is \$225, advance registration is required. Information: 541-597-8530, www.thesfi.org.

Wild Food Adventures

July 14, Saturday, 9 am-12 pm

Workshop: Wild Fruits of Northwest Forests. Come join us learn about wild fruits and other edible plant parts found in northwest forests. Cost: \$25 - \$40. Enrollment is limited - register in advance to reserve a place. To register and for more information: Wild Food Adventures, 503-775-3828.

perfect!

We made a few stops along the first stretch of Lava Lake Meadow Road 2067. There were patches of snow on the left, north-facing sides of the road, but thankfully otherwise the road was clear. There were huckleberries and several different willows blooming in the wet ditches along the road. Marsh marigolds (*Calitha leptosepala*) were beginning to bloom along with the very first shooting stars (*Dodecatheon jeffreyi*). Before you get to the bridge, there is a gated off road to the left that shortly crosses the main creek. While there admiring the first blooming blue-fly honeysuckle (*Lonicera caerulea*), highbush cranberry (*Viburnum edule*), and bog birch (*Betula glandulosa*), Sabine was excitedly trying to get me to see some wildlife—a pair of sand-hill cranes! Perhaps they were grumpy about our presence because they started conversing in their strange, crackling voice that sounds so primitive it makes me want to look around for dinosaurs. As great as the plants were, that had to be the highlight of the day. I sometimes hear them flying over my house in the fall, but I hardly ever see cranes up close on the ground. We watched them for a while but finally decided to let



TANYA HARVEY

What Tanya Harvey thinks is Mackenzie's willow (*Salix prolixa*). Male flowers are on the left, female on the right.

them have their privacy.

Next we stopped at the odd little opening along the main Road 560 just past the first bridge (Be careful around here, some of the roads seem to have the same numbers—at one time they must have looped around and connected. We'd already passed another road 560 just a mile or so from Hwy 22). This looks manmade, surrounded as it is by berms. The little 2–4' willows I'd seen last year were in perfect bloom and so pretty. The male flowers had cherry red anthers, the females had red styles. The branches and bud scales were also red—quite showy by willow standards. I struggled to key them out at home, but with the help of Barbara Wilson of the Carex Working Group, I now believe they are *Salix prolixa*. I'd admired the lovely red-suffused flowers of this species along Amazon Creek in Eugene, but those plants were probably three times of the size of the little ones here. I attended a willow workshop put on by the Carex Working Group in April at OSU, so I'm excited to get back to learning more about willows. They are so tricky. These ones showed no sign of the stipules or glaucous leaves mentioned in the keys, but the photo I took at this spot last August showed quite prominent stipules and very pale undersides to the leaves. If I wasn't sure there was only one type of willow in this small spot, I'd never have thought these were the same plants. I want to see them again in a few weeks to how they look as they develop from the very early to later stages.

Finally on to the main goal of the trip, we stopped at the second bridge along Road 560. It only took a few minutes to find the *Ribes triste*. It was also in perfect bloom. What a relief. It has really pretty dangles of flat, deep red flowers. The plants are wrapped around old trunks and under trees and shrubs, neither creeping nor erect. They seem to prefer a bit of shade. After relocating most of the plants I saw last year, we wanted to cross the creek to see if there were more on the other side. No chance this time of year. The water was quite deep and very cold, although I did spot one *Ribes triste* on the far side of the creek with



TANYA HARVEY

A more northern species, *Ribes triste* is quite rare in Oregon. If anyone sees this plant, please let Tanya know!

my binoculars.

We went back to the bridge and tried to follow along the other side from there. This was a maze of channels with tricky holes with water rushing under the seemingly firm ground. We decided to postpone exploring this part for another trip. We did see lots of skunk cabbage in bloom, some oddly growing right in the rushing water. Usually it seems to prefer slow-moving streams. There were also pretty buttercups (*Ranunculus populago*), both marsh and early blue violets (*Viola palustris* and *V. adunca*), and some early Suksdorf's paintbrush (*Castilleja suksdorfii*). Lots of pretty Oregon windflower (*Anemone oregana*) in various shades of pink, white, and lavender graces the drier areas. So much to see even during this first wave of flowers. I look forward to returning several times this summer.



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Send completed form and full remittance to:

Clayton Gautier, NPSO Membership Chair

3927 Shasta View St.

Eugene, OR 97405-4442

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

☐ New ☐ Renewal

☐ Student – \$12 ☐ Regular – \$25 ☐ Family – \$35

☐ Sustaining – \$60 ☐ Patron – \$125 ☐ Life Membership – \$500

☐ Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund \$ _____

Leighton Ho Memorial Field Botany Award Fund \$ _____

Augusta Rockefeller Memorial Scholarship \$ _____

Rare and Endangered Plant Fund \$ _____

Friends of the Oregon Flora Project \$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

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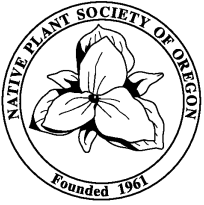
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Friends of the Oregon Flora Project

One of our goals this year is to redesign the Oregon Flora Project website. We anticipate having search results provide access to all the maps, photos, and nomenclature for any plant of interest in one place. Volunteer Jeff Cook is undertaking this significant task.

Big things are happening within the Rare and Endangered Plants committee of NPSO and the OFP is excited to be a part of it! Co-chairs Erin Gray and Cecile Shohet are organizing outings this summer to search for sensitive plants; participants will be contributing data and photographs to several agencies, including the

OFP. Your participation will help the OFP improve existing fact sheets as well as develop new ones for taxa we lack in our rare plant guide (www.oregonflora.org/rareplants.php).

We welcome your contributions of species lists and digital images. Visit our website, or contact Wilbur Bluhm, our NPSO-Atlas coordinator, for tips on how to submit your information.

Financial contributions can be mailed directly to: Agricultural Research Foundation, Oregon State University, 100 Strand Ag Hall, Corvallis, OR 97331-2219. Please make checks payable to the Ag. Research Foundation, and include "Oregon Flora Project-4482" on the memo line.



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

VOLUME 45, No. 7

AUGUST/SEPTEMBER 2012

Annual Meeting Hosted by the Siskiyou Chapter in the Illinois Valley

by Kareen Sturgeon and Cindy Roché

Despite fears of hot weather, registration for the NPSO 2012 Annual Meeting in the Illinois Valley hit the 160 mark, with a half dozen more participating in one of fourteen field trips. Friday afternoon some NPSO members joined Norm Jensen's family for a time of remembrance and scattering of his ashes at Woodcock Bog, one of Norm's favorite places. After a social Friday evening at the Deer Creek Center, Susan Harrison gave a lively, entertaining talk on Oregon's Siskiyou Mountains and why the vegetation here is so diverse. She compared it to serpentine (a.k.a., ultramafic) influenced vegetation throughout California. She explained how her investigations

built upon the historic contributions of Robert Whittaker and others. Although Whittaker had concluded the diversity was the result of interaction of many potential factors, such as soils, geology, complex topography, plant migration, and adjoining floristic provinces, Susan's research showed that the single most important factor was the one that the citizens of Grants Pass had already discovered: "It's the Climate." That is not to say that the other factors are not important, but that precipitation is the difference between the flora of the Oregon Klamath Range and that of ultramafic sites in California. More moisture allows expression of all the other factors that contribute to plant diversity.

Bright and early Saturday morning, participants met their field trip leaders and headed out in all directions. Field trips covered the gamut from lichens and bryophytes to fire ecology, photography, and enormous old growth trees. For example, one group went with Lee Webb and Cecile Shohet to Black Butte and Lookout Mountain to Polar Bear Gap in the Siskiyou Wilderness. Starting at 4,800 ft and climbing to 6,400 ft where snowbanks still

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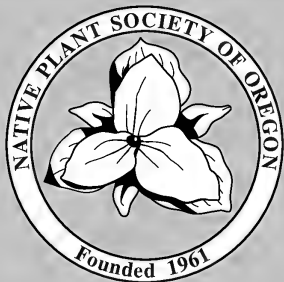


ROBERT KORFHAGE

Black Butte hike led by Lee Webb and Cecile Shohet

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message: subscribe npsos

General Business Address

P.O. Box 902
Eugene, OR 97440
or correspond directly with Officers and Committee Chairs listed on the inside of the back page.

Membership Inquiries Only

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Bulletin of the Native Plant Society of Oregon

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The submission date is the 10th of each month for the following month's issue except for the Aug/Sept issue which is July 24 and the Dec/Jan issue which is November 24. Send submissions by e-mail to bulletin@NPSOregon.org.

Opinions expressed in this publication are those of the authors of the articles. They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

Contribute to EarthShare at Your Workplace: It's So Easy!

Threats to our natural world are growing, as are demands on the lands, water, food, energy and other resources people and wildlife need to thrive. As green as Oregon is, it's simply not enough. We need more people and businesses supporting the environmental movement. EarthShare is working to make that happen.

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If your workplace is not currently involved in an EarthShare giving campaign, establishing one is easy. EarthShare will work with your employer to set up a program that meets your company's needs.

With your contribution through EarthShare, you can share in the responsibility for protecting Oregon's natural legacy. For more information, please contact Jan Wilson at EarthShare: 503.223.9015 or jan@earthshare-oregon.org; or visit <http://earthshare-oregon.org/>.



Showy milkweed (Asclepias speciosa) is native to the western half of North America. The pink to pinkish-purple flowers serve as a larval host for the Monarch butterfly.

DON JACOBSON

NPSO CALENDAR

State Notes

NPSO Board Meeting. The next board meeting will be in October in the Gorge (hosted by the Mid-Columbia Chapter). Date, time, and location to be determined.

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244.

Cheahmill

For more information, visit the chapter Web site, www.oregon-nativeplants.com. To be added to the e-mail list for upcoming programs and events, please contact cheahmillchapternpsocomcast.net.

August 14, Tuesday, 5- 7 pm

Work Party #153: Native Plant Garden, McMinnville Library. Summer work parties are a great way to catch up with friends and see what the garden's native plants are up to! We remain focused on weeding and ongoing maintenance of the garden specimens. Newcomers are welcome! Contact: Susan Williams, 503-538-1865 or helgesusan@comcast.net.

September 11, Tuesday 5-7 pm

Work Party #154: Native Plant Garden, McMinnville Library. We will focus on weeding and ongoing maintenance of the garden specimens. Newcomers are welcome! We will be switching over to weekend work parties in October. Contact: Susan Williams, 503-538-1865 or helgesusan@comcast.net.

September 27, Thursday, 7- 8:45 pm

Talk: Hiking in and about the Strawberry Mountains. As part of his preparation for leading hikes for the 2011 NPSO Annual Meeting in Logan Valley, Nature photographer Paul Slichter spent many days hiking the vast, wet meadows, forested ridges and open alpine ridges recording what he saw. He will discuss his favorite hikes and will share images and video of many of the unique animals and plants that can be

found in this little visited region. Location: Carnegie Room, McMinnville Public Library, 225 N.W. Adams St. (corner of HWY 99W and SW 2nd St). Information: Bonnie Laux, 503-925-4960 or bonlaux@gmail.com.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Esther McEvoy at co_president@NPSOOregon.org or 541-754-0893.

August 19, Sunday, 8:30-4:30 pm

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. For a sample copy check out the NPSO website. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12.

Hike: Echo Basin Wetlands in the Western Cascades with Loren Russell.

Meet at the parking lot across from the Monroe Beanery at 8:30 am. Bring a lunch, water, rubber boots and hiking gear. It is about a 3 mile round trip hike. We may stop and look at other wetlands in the area. Rubber boots or old athletic shoes optional. However, wetland is small and has boardwalk and we will try to limit trampling!

For more information contact: Esther McEvoy at 541-754-0893.

September 30, Sunday, 9 am-4 pm

Hike: In search of a rare *Abronia* on the Oregon Coast with Erin Gray. We will be searching for the rare *Abronia* in the Florence area in the dunes. Meet at 9am at the parking lot across from the Monroe Beanery for carpooling to Florence. Bring a lunch, good walking shoes, water and raingear. Contact Esther McEvoy for more information at 541-754-0893.

October Mushroom Fieldtrip to be announced in next *Bulletin*.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

September 17, Monday, 7:30 pm

Meeting: Stephen Meyers presents, "What's in a Name? Recent Major Changes in Taxonomy that affect the Oregon Flora." Are you puzzled by all the botanical name changes and shifting of plants to new families? Dr. Meyers from Oregon State University gives us the latest scoop on plant classifications. Location: EWEB Training Room, 500 E. 4th Avenue, Eugene. Information: Mary Beth Averil, 541-349-9999.

October 15, Monday, 7:30 pm

Meeting: Owyhee Canyonlands. Chris Hansen of the Oregon Natural Desert Association speaks on the Owyhee Canyonlands - the largest stretch of desert

wilderness left in the United States - right here in Oregon! The Oregon Natural Desert Association (ONDA) has been working to permanently protect the Owyhee, and we'll gather to show off some of the amazing images of this Wild place. We'll share stories about Wild and Scenic River trips, sage grouse counts, and inland redband trout; and we'll talk about how to fill the Oregon desert Wilderness gap. Location: EWEB Training Room, 500 E. 4th Avenue, Eugene. Information: 541-345-5531.

November 19, Monday, 7:30 pm

Meeting: Little Shops of Horror: Carnivorous Plants of Oregon. Charlene Simpson will present a slide show which features the lures and traps of flesh-eating plants. Starring: the Cobra Lily and featuring sundews, bladderworts and butterworts in Oregon's bogs and Fens. Location: EWEB Training Room, 500 E. 4th Avenue, Eugene. Information: 541-349-9999.

Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby at 541-884-5703 or smalaby@cs.com.

The following wildflower field trips are sponsored by the Klamath Basin Chapter of the Native Plant Society, Klamath County Museum, Fremont-Winema National Forest, and Crater Lake National Park. For all trips it is recommended that you bring sturdy shoes or boots, plenty of water, sun screen and/or a hat, and a lunch. Be prepared for mosquitoes at most sites. Contact the trip leaders for more information.

August 4, Saturday, 9 am-12 pm

Hike: 4-Mile Lake Area with Missy Anderson. We will mainly be exploring the interesting riparian and boggy habitat around Bull Swamp. There are no trails through this area and walking will be moderate to difficult in places (e.g. climbing over downed logs and through wet areas, etc). Rubber boots/waders (or shoes you don't mind getting wet and muddy) are recommended. Mosquitoes are expected, so bug spray/net would be good too. Meet at the junction of

Highway 140 and FS Rd 3661 (this is the road to 4-Mile Lake, about ½ mile before MP 35). Information and registration: Missy Anderson - Forest Service Chiloquin District Office. 541-783-4001.

August 18, Saturday, 9 am-12 pm

Hike: Crater Lake Garfield Peak Trail with Jen Beck. Hike is 3.4 miles round trip and a strenuous climb (1000' elevation gain) to the summit of Garfield Peak along the Crater Lake rim. Meet near the east end of the Crater Lake Lodge at Rim Village. Please note that participants will need to pay a \$10 entrance fee or have a park pass. Information and registration: Jen Beck - Crater Lake National Park, 541-594-3072.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at wusara96@yahoo.com.

August 18, Saturday, 8:30 am

Field Trip: Thomas Lake. In the northwest corner of Indian Heaven Wilderness area, an easy 3.6 mile hike with only a 200-foot elevation gain. Bring bug repellent! Meet at the Bingen Park-and-Ride just west of the north end of the Hood River Bridge, or at the trailhead. USNW Forest Pass required. Limited to 10 hikers with pre-registration (call Don Hardin 509-493-4819 or email donhardin0@gorge.net). Trip contingent on road conditions and flower bloom.

September 15, Saturday, 8:30 am

Field Trip: Hell Roaring Meadows. Flower-filled high alpine meadows at 5,500 feet on the southeast corner of Mt. Adams, 2.4 miles round-trip. High clearance vehicles are required to access the trailhead. Meet at the Bingen Park-and-Ride just west of the north end of the Hood River Bridge. Limited to 10 hikers with pre-registration (call Don Hardin 509-493-4819 or email donhardin0@gorge.net). Trip contingent on road conditions and flower bloom.

September 20, Thursday, 7:00 pm

Meeting: Report and photos from the NPSO Annual Meeting in the

Siskiyou. Consideration of field trip organization, policies, and publicity. Updates on and discussion of other topics of interest. Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

Portland

If you would like to receive the chapter's semi-official e-mail newsletter, The Calochortus, e-mail Don Jacobson at donj-photo@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

August 28, 2012, 10 am-2 pm

Class: Grass ID. Grass ID session led by Rick Shory, who has worked botanically with grasses since 1993. Location: Instructor's house, 8828 NE Schuyler St., Portland, where his microscope and other ID tools will be available. Bring specimens (including leaves, tops, and roots), and your preferred key. This class is fine for first-timers or for those who have taken Rick's previous grass ID/hikes. Contact Rick Shory at rick-shory@gmail.com or 503-253-8100 for additional information on the session and to sign up. On the day of the class, contact Rick at 360-774-6593.

September 9, Sunday, 9 am-1 pm

Field Trip: Sandy River Delta. Join Paul Slichter for a half day trip to search for wildflowers along the Columbia River shoreline east of the Sandy River delta, looking for species that bloom late in the summer when the water level recedes. We'll be looking for *Potentilla anserina*, *Aster subspicatus*, *Solidago occidentalis*, *Artemisia lindleyana*, *Helenium autumnale* and others, including rushes and sedges. Wear footwear suitable for moist, cobbly shorelines and walking through sedge meadows. Contact Paul Slichter, 503-661-3292 or pslichter@frontier.com for more information or to reserve a spot.

September 13, Thursday, 7 pm

Program meeting: On the Pumice

Plain. Join Dr. John Bishop, professor of Biological Sciences at Washington State University-Vancouver for a talk about his research using experimentation, observation, and modeling to understand insect herbivores and lupine colonization in the primary succession on the Mt. St. Helens Pumice Plain. His research led to discovery of a new moth species, *Filatima loowita*, associated with lupine and early herbivore colonization. Meeting location: Metro building at 600 NE Grand Avenue, Portland. Enter the building at the south end of the upper plaza on Irving St, (not the door on 600 NE Grand Ave). An attendant will let you in and direct you to the meeting room upstairs. Contact: Angie Moore at mlm@teleport.com or 503-292-2093.

September 23, Sunday, 8:30 am

Field Trip: Willards Springs Trail, Conboy Lake NWR. Join Paul Slichter for a full day trip to hike the Willard Springs Trail and walk refuge roadsides in search of late season wildflowers, birds, butterflies and dragonflies. We'll search for *Aster occidentalis*, *Columbiadora hallii*, *Ranunculus flammula*, *Veronica scutellata*, *Ericameria bloomeri*, plus other species that may still be in bloom in the forest or along riparian areas. 200 mile drive RT. Hike 3-4 miles with little elevation gain. Contact Paul Slichter, 503-661-3292 or pslichter@frontier.com for more information or to reserve a spot.

October 6, Saturday, 8:30 am

Field Trip: *Abies* ("True" Firs) Hike. Led by Rick Shory, who has worked throughout the West as a Forest Service botanist. Location: Government Camp, Oregon. All the species of "true" fir (*Abies*) in the Northwest grow around Government Camp, on the southwest slope of Mt. Hood. Come learn about this important genus of conifers and how to tell them apart from other genera of trees. Leave at 8:30 am, from near Gateway MAX station, NW corner of NE Pacific Street and NE 99th Avenue. Or meet at Government Camp at 10 am. Contact Rick Shory at rickshory@gmail.com or 503 253-8100 to sign up for the hike and for the exact

location. On the day of the hike, contact Rick at 360-774-6593.

October 11, Thursday, 7 pm

Program meeting: Conifers of the Pacific Northwest. Martin Nicholson, curator of the Hoyt Arboretum in Portland, will talk about conifers of the Pacific Northwest. Meeting location: Metro building at 600 NE Grand Avenue, Portland, Oregon. Enter the building at the south end of the upper plaza on Irving St, (not the door on 600 NE Grand Ave). An attendant will let you in and direct you to the meeting room upstairs. Contact: Angie Moore at mlm@teleport.com or 503-292-2093.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2012, make a suggestion, or provide feedback regarding the field trip program please contact Sasha Joachims at: sasharain71@gmail.com.

August 4, Saturday, 8:30 am

Hike: Observation Gap and Cow Creek Hollow (about 1 mile along the PCT south of the road to Dutchman Peak fire lookout). From swaths of *Epilobium siskiyouense* along the Pacific Crest Trail to the unusual blooms of *Saxifraga odontoloma* in wet meadows, floral riches of all sorts abound in this wonderful area. Parking is very tight at Cow Creek Hollow, so try to avoid bringing large vehicles. Meet 8:30 am behind the Oil Stop on Ashland St, just west of the BiMart/Shop 'n Kart parking lot in Ashland, about 1/4 mi west of I-5, exit 14, or 9:45 am in the library parking lot in Jacksonville. Information: Alex Maksymowicz, 541-482-1964.

September 20, Thursday, 7:30 pm

Program - to be announced. Join the Siskiyou Chapter email list (directions above) for updates on programs and field trips. Southern Oregon University, Science Bldg., RM 171. Refreshments at 7:15 pm, meeting and program at 7:30. Contact Kristi: 541.941.3744.

Getting there: From Siskiyou Blvd., travel south (uphill) on Mountain Ave. to Ashland Street. Take a left on Ashland St. and the Science Building will be on your right after Elkader. Walk up the steps or to avoid the steps, drive around the Science Bldg. and park in the back.

Umpqua Valley

Visit www.umpquavalley.npsoregon.org for more information on chapter activities.

Willamette Valley

For program information, contact John Savage at 503-399-8615 or Alexandra Ninneman at 503-391-4145.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Laurie Allen at 541-805-0499 for updates and general information.

OTHER EVENTS

Ashland Parks & Recreation

September 12, Wednesday, 9:30-10:30 am

Demonstration Garden Tour at the North Mountain Park Nature Center. Discover how to attract wildlife and conserve water in the Butterfly, Amphibian-Reptile and Native Plants Gardens. Register online at www.ashland.or.us/register or call the Nature Center at 541-488-6606.

Wild Food Adventures

August 9, Thursday, 7-9 pm

Presentation: Wild Foods. Learn some of the most common edible wild plants within walking distance of your kitchen. The presenter and author, John Kalas, will sell and sign his book "Edible Wild Plants: Wild Foods From Dirt to Plate." Newberg Public Library, 503 E Hancock St, Newberg. www.wildfoodadventures.com.

Thank You 2012 NPSO Annual Meeting Volunteers!

A great big thanks to the many gracious volunteers that made the 2012 NPSO annual meeting in the Siskiyou Mountains a wonderful event! Many Thanks!

Organizing committee: Kristi Mergenthaler, Cindy Roche, Joan Seevers, Cecile Shohet, Julie Spellitich

Siskiyou Field Institute Liaison: Karen Phillips

Name tags: Rick Prusz

Field Trip Coordinators: Lee Webb, Linda Mullens

Field Trip

Leader(s)

Saturday

Days Gulch to Babyfoot Lake	Linda Vorobik/Jill Paden
Bigelow Lakes	Kristi Mergenthaler/Dennis Odion
Black Butte - Lookout Mountain	Lee Webb/Cecile Shohet
Dutchman Peak	Barb Mumblo/Shelley Tanquary
Fire Ecology at Limpy Creek	Tom Atzet
Lichens & Bryophytes: 8\$ Mountain	Scot Loring/Daphne Stone
Old Stage Road OR/CA Driving Tour	Rodger Brandt/Richard Callagan
Oregon Caves National Monument	John Roth
A Photo Exploration of Deer Creek Fen	Mark Turner/Karen Phillips
Redwood Forest Ecology	Rick Hiser
Sanger Peak, Whiskey Lake	Wayne Rolle
Tanner Lakes	Frank Callahan/Cindy Roche
Woodcock Bog - West Fork Illinois River	Marcia Wineteer/Rachel Showalter

Sunday

Climate Change Plots	Tim Tomaszewski
Whetstone Butte	Lee Webb/Karen McCullough

Event volunteers

Ann Thayer: Banquet Meal, Cleanup of SFI after event	Harriet Schoppert: Banquet Meal
Billy Don Robinson: Parking Attendant, Banquet Meal, Friday Hors D'oeuvres	Janet Walker: Banquet Meal
Bob Korfhage: Organizing and Beautifying Selma Center for Banquet, Banquet Clean-up	Margaret Meierhenry - Friday Hors D'oeuvres
Bruce Waugh: Chair Shuffling, Banquet Meal	Mary Beth Averill: Banquet Meal
Chelsea Reha: Banquet Meal, Banquet Clean-up	Michael Keown: Chair Shuffling, Banquet Meal, Coffee Sunday Morning
Cynthia Maclaren - Organizing and Beautifying Selma Center for Banquet, Banquet Meal	Mike Faden: Banquet Meal
Darlene and Bill Southworth: Saturday Breakfast, Organizing/Beautifying Selma Center for Banquet	Mike Hagebusch: Banquet Meal
Dave Garcia: Chair Shuffling, Banquet Meal	Ray & Peg Prag: flowers for tables
Deanna and Richard Iltis: Banquet Meal	Richard Callagan: Chair Shuffling,
Dominic DiPaolo: Banquet Meal and Clean-up	Roger Brewer: Banquet Clean-up
Frances Stilwell: Banquet Meal	Ronald Klump: Chair Shuffling
	Rosamund Irwin: Banquet Meal
	Sasha Joachims: Projector, Banquet Meal, Banquet Clean-up
	Stella Copeland: Banquet Clean-up, SFI Clean-up

July 2012 NPSO Board Meeting Highlights

Lisa Blackburn, NPSO Secretary

Linda Vorobik donated \$100 to NPSO as a percentage of her art sales at the annual meeting. Karen Phillips and Erica Wedenoja have volunteered to be *Bulletin* editors. Dave Predeek will proofread the *Bulletin*. A person is still needed to be the Membership Chair. The Rare and Endangered Committee (Cecile) proposed that NPSO host a scientific conference in 2014, modeled after the process used by the northern California chapter of the California Native Plant Society. She asked the board for input on our willingness to help financially support a conference. The board is interested, and agreed to locate financial support. Judi encouraged people to volunteer to help with the planning. The Rare and Endangered Committee (Erin) reported they have had two outings in the gorge to find R&E plant occurrences. They have a list of 40 volunteers throughout the state. Erin would like to go to all chapters with a slide show to explain the outings. Billy Don

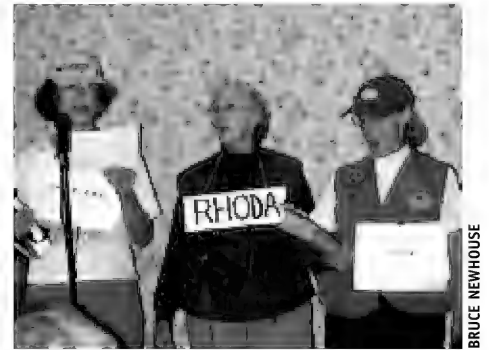
Robinson (Legislative) reported on the May hearing with Oregon Department of Agriculture (ODA) regarding *Arun-do donax*. Judi gave testimony (posted on the NPSO website). Billy Don is working to introduce a bill in the state legislature to list *A. donax* as a noxious weed. NPSO is preparing a response to the proposed ODA regulations. Linda Hardison reported the Oregon Flora Project has completed 22% of the flora. When completed, it will be published in two volumes and supported electronically. They hired a part-time illustrator to start in August. Billy Don and Lisa Blackburn attended the annual EarthShare meeting, and discussed information regarding field trip insurance and Director/Officer insurance. Bruce Waugh will check further on this and report back at the next board meeting. The 2013 Annual Meeting will be hosted by the William Cusick Chapter in Joseph. The next board meeting will be in October in the Gorge (hosted by the Mid-Columbia Chapter).

NPSO Needs a New Membership Chair

NPSO needs a new Membership Chair! - if you are looking for a way to make a significant contribution to the Society, have a few hours a week of spare time, and enjoy working with computers, then please let the out-going Chair, Clayton Gautier (cgautier@comcast.net) know you are interested. A general description of the duties and responsibilities can be found in the NPSO Board Handbook (<http://npsoregon.org/documents/NPSOBoardHandbook.pdf>). Clayton will be happy to provide additional details and answer any questions you might have. Thanks!

I will be the gladdest thing
Under the sun!
I will touch a hundred flowers
And not pick one.

Edna St. Vincent Millay, "Afternoon on a Hill"



Rhoda Love, Veva Stansell and Charlene Simpson at the 2001 NPSO Annual Meeting

Fellows Song

by Rhoda Love

Performed by Rhoda Love, Veva Stansell, and Charlene Simpson, with Ken Chambers on guitar at the NPSO Annual Meeting, Corvallis, June 2001. The song was sung to the tune of the "Whiffenpoof Song" written by members of the Yale Glee Club in 1907. It is being reprinted here to be archived by NPSO for all times.

From the Table Rocks at Medford,
To the place where lilies dwell,
To the dear old Collier Bar we love so
well,
Sit the botanists assembled,
With their Hitchcocks raised on high,
And the magic of their keying casts a
spell.

Yes, the magic of our keying
Of the plants that give us hell,
Astragalus and Juncus and the rest ...
We will annotate our Jepsons,
While breath and eyesight last,
Then we'll pass like Peck and Stebbins
and the rest.

We're three little ladies on our way,
Veva, Rhoda, Charlene.
To stickleback creeks lined with
Ocean Spray. Veva, Rhoda,
Charlene.

Gentians and Asters off on the scree,
Blooms from here to anemone.
Lord, where to hide when we Pe-o-ny!
Veva, Rhoda, Charlene.
Gentians and Asters off on the scree,
Blooms from here to Anemone.
Lord, where to hide when we Pe-o-ny!
Veva, Rhoda, Charlene.

Annual Meeting 2012, cont. from page 1

lay on the ground, they hiked through open shrubby serpentine with Jeffrey pine and closed forest canopies with sugar pine and Brewer's spruce. From the ridgetops, they had an expansive view of the landscape burned by the Biscuit Fire ten years ago.

Another hike, led by Frank Callahan and Cindy Roché, made several stops on the way to the Tanner Lakes trailhead, first, in a Jeffrey pine savanna where Cindy identified a variety of grasses and showed them how to find the unusual cleistogamous flowers of *Danthonia californica*. Next, they stopped at an ultramafic outcropping covered with wildflowers, including



ROBERT KORFHAGE

At the top of Black Butte

at least five species of *Eriogonum* and some *Poa pringlei*. There were so many wildflowers along the roadside it was difficult to continue to the trailhead without additional stops. By the time temperatures were rising in the valley, they were at the trailhead above 5,000 ft. After admiring the bog orchids in a small seep, they entered a cool, shaded forest abounding with *Corallorhiza*. The group ate lunch under a huge Douglas fir (237 feet tall, 10 feet in diameter) while Frank lectured about terpenes. Afterwards, the group continued on to East Tanner Lake where Frank introduced them to a gnarly 500 to 600-year-old incense cedar that is the Oregon State Champion at 13 feet in diameter. Beyond the incense cedar in a forb meadow they found pull-up muhly (*Muhlenbergia filiformis*) and a tiny *Mimulus*. Roger Brewer started keying *Penstemon* species at the first stop, and by the time the group reached East Tanner Lake, he had accumulated more than he could keep track of. The last stop before heading back afforded the group a distant view of a Heritage Brewer's spruce and the type locality where this paleoendemic was first discovered in 1884 by Thomas Jefferson Howell.

Saturday night at the Selma Community Center, after a scrumptious dinner prepared by Kate Dwyer and plenty of discussion about our various field trips, Dave Dobak presented the 2012 Fellows Award to Dan Luoma, much-loved member of NPSO, whose long-time association



FRANK CALLAHAN

Tanner Lakes hike through old-growth forest

(since 1982) with the organization has given him "a broad, seasoned perspective with a historical context." During his long tenure with NPSO, Dan rotated through numerous positions of responsibility and, along with his wife Joyce Eberhart, traveled extensively and gave many informative slide presentations on the plants and places they visited. To top off the evening, Linda Ann Vorobik entertained members with beautiful photos of her botanical illustrations and the Siskiyou wildflowers that inspired her artwork. As the evening closed, everyone agreed that it had been yet another wonderful annual meeting where good friends had gathered to rededicate themselves to the "enjoyment, conservation, and study of Oregon's native plants and habitats."

NPSO Occasional Paper 3

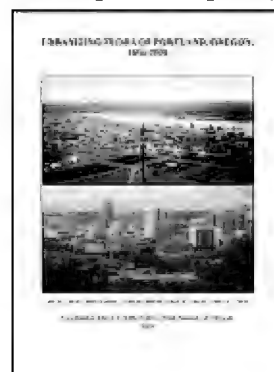
Urbanizing Flora of Portland, Oregon, 1806-2008

NPSO Occasional Paper 3: 1-315.

by John A. Christy, Angela Kimpo, Vernon Marttala, Philip K. Gaddis, and Nancy L. Christy (2009), 319 pages, spiral bound

This compilation of the vascular plants of the Portland-Vancouver area analyzes changes in the region's vegetation since 1806. A total of 1,556 taxa in 125 families are represented. Based on herbarium specimens, publications, and unpublished manuscripts, it tracks

the changing fortunes of native and exotic species shaped by an expanding



urban environment. It includes a history of botany in Portland, a gazetteer of historical and modern place names, botanical miscellanea from

19th and early 20th century Portland, and lists of rare species for use by planners and land managers.

Price: \$20 postpaid, checks payable to Native Plant Society of Oregon.

Orders: Prepaid only

Contact: John Christy

7050 SW Canyon Crest Drive
Portland, OR 97225-3623

john.christy@oregonstate.edu

Please remember to include your mailing address and telephone number.

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

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Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

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City _____ State _____ Zip+4 _____

Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Clayton Gautier, NPSO Membership Chair

3927 Shasta View St.

Eugene, OR 97405-4442

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

☐ New ☐ Renewal

☐ Student – \$12 ☐ Regular – \$25 ☐ Family – \$35

☐ Sustaining – \$60 ☐ Patron – \$125 ☐ Life Membership – \$500

☐ Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund \$ _____

Leighton Ho Memorial Field Botany Award Fund \$ _____

Augusta Rockefeller Memorial Scholarship \$ _____

Rare and Endangered Plant Fund \$ _____

Friends of the Oregon Flora Project \$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

OFFICERS & COMMITTEE CHAIRS

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RARE & ENDANGERED PLANTS.... Erin Gray & Cecile Shohet..... ecgray830@gmail.com, cshohet@gmail.com

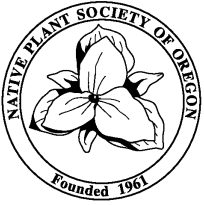
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Friends of the Oregon Flora Project

While summer lets us relax our schedules, there is still plenty of activity happening at the Oregon Flora Project.

- Taxonomic director Stephen Meyers attended the national botany conference in July, and touched bases with numerous contributors to the Flora of Oregon. He also recruited new floristic authors. Contact Stephen (meyersst@science.oregon-state.edu) if you are interested in authoring or editing treatments.

- Manuscripts for the flora are coming in; we have recently received treatments for the Salicaceae, genera in the Lactuceae tribe of the sunflower family, and Solanaceae, the nightshade family. We now have manuscripts for ca. 25% of our flora!!

- We have hired John Myers to coordinate illustrations for the new flora, and to contribute his own artwork. Look for an article introducing John in our upcoming Oregon Flora Newsletter.
- In a related effort, the Consortium of Pacific Northwest Herbaria crew has completed data entry of Linfield College, Reed College, and Portland State University herbarium specimens for inclusion in the Consortium dataset. The OFP will also share the presentation of this information via the Oregon Plant Atlas.

Check out our Facebook page as well as our blog (<http://oregonflora.wordpress.com/>) for more happenings!



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

VOLUME 45, No. 8

OCTOBER 2012

The Effects of Climate Change on Kincaid's Lupine

by Charlotte Trowbridge and Guy Banner, 2012 IAE/NPSO Interns

For more information about research projects at the Institute for Applied Ecology (IAE), visit their conservation research blog at <http://research.appliedeco.org>.

Native plant communities throughout the Pacific Northwest are faced with increasing population pressures as the effects of ongoing climate change are evidenced. Smaller populations have less genetic diversity and a lessened ability to respond and adapt to climatic changes. For many species, the negative impacts of climate change will be experienced in addition to the current stresses of habitat degradation and fragmentation. Although many species have the ability to adapt to new environments, it has been projected that climate change will occur at a faster rate than plant species' adaptation

rates. Due to the difficulty of predicting species' responses to the changing climate, research organizations are now conducting climate manipulation experiments to determine effective recovery and restoration methods.

The ability of Kincaid's lupine (*Lupinus oregonus*), a federally threatened species, to adapt to a changing climate could serve as an indicator of how other strategy species in the region will respond. In cooperation with the US Fish & Wildlife Service (USFWS), the Oregon Department of Fish & Wildlife (ODFW), and the Native Plant Society of Oregon, the Institute for Applied

Ecology (IAE) has designed a common garden climate manipulation experiment to test for genetic adaptation to climate. By collecting seed from individuals throughout the extent of Kincaid's lupine's range, it will be possible to observe whether populations differ in their response to variable climatic conditions. Using plants from a variety of populations enables researchers to

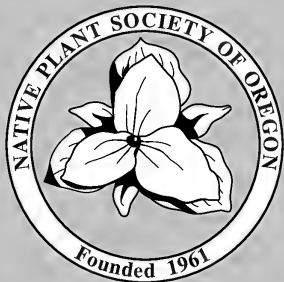
continued on page 6



IAE staff (left to right: Charlotte Trowbridge, Denise Giles-Johnson, Lisa VanTieghem and Guy Banner) planting Kincaid's lupine in common garden plots.

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregon.org>

E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message: subscribe npsos

General Business Address

P.O. Box 902
Eugene, OR 97440
or correspond directly with Officers and Committee Chairs listed on the inside of the back page.

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Bulletin of the Native Plant Society of Oregon

Editors: Karen Phillips & Erika Wedenoja
Layout Artist: Jocelyn Duffy

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The submission date is the 10th of each month for the following month's issue except for the Aug/Sept issue which is July 24 and the Dec/Jan issue which is November 24. Send submissions by e-mail to bulletin@NPSOregon.org.

Opinions expressed in this publication are those of the authors of the articles. They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

Greetings From Your New *Bulletin* Editors

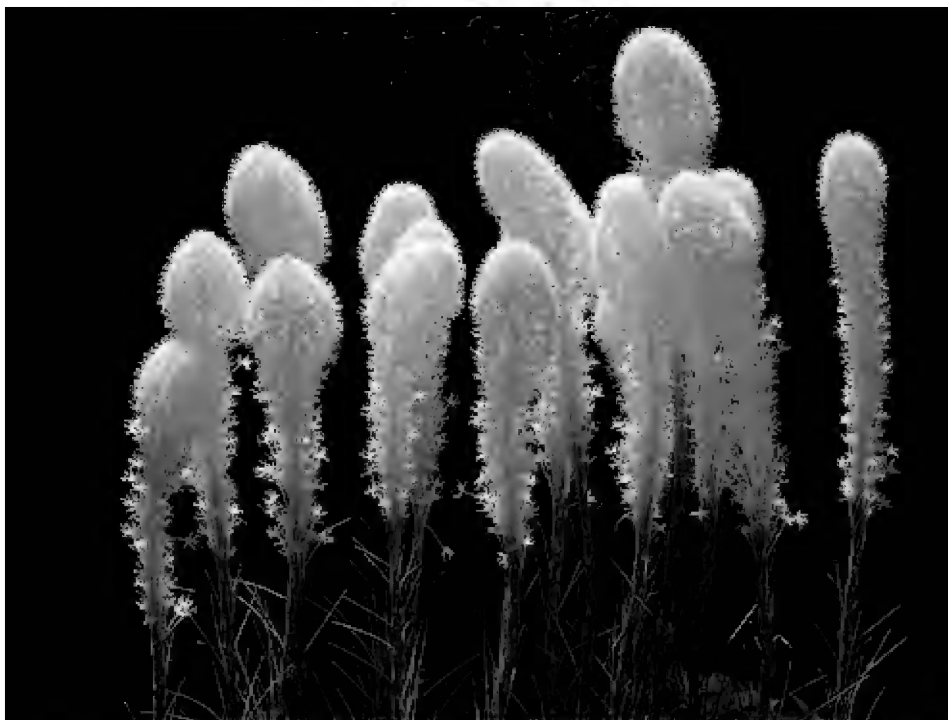
Many thanks to Taya MacLean for her guidance with our first issue and her Editorship over the past years. Thank you, as well, to everyone who submitted content for this issue and was patient and understanding if the process was not as smooth as usual! We don't have big plans to change the *Bulletin*, but we do want to hear from you if there are particular types of articles, notices, etc. that you would like to see more often, less often, or even not at all. Send your comments, corrections, and, as always, submissions to bulletin@NPSOregon.org.



Portland Chapter Fundraiser

Don Jacobson is currently giving 15% of the sale price of any of his photographs at www.donjacobsonphoto.com to the Portland Chapter NPSO. Also included are images taken at the 2011 and 2012 NPSO annual meetings. This offer is good through November 2012 for all NPSO and e-mail discussion list members. For more information contact Don directly at donjphoto@gmail.com.

This year the Portland Chapter sponsored two botany students to attend the Annual Meeting and hope to continue the practice in future years. The students said they loved the experience.



DON JACOBSON

Bear Grass (Xerophyllum tenax) is found in western North America, from British Columbia south to California and east to Wyoming. This evergreen perennial prefers dry sunny hills and open woods. X. tenax is an important part of the fire ecology of regions where it is native. It has rhizomes that can survive ground-clearing fires. Bear Grass does not necessarily flower every year, but when one plant does flower, any nearby plants usually follow suit.

NPSO CALENDAR

State Notes

NPSO Board Meeting. The next NPSO Board meeting will be at the Hood River Library Meeting Room, from 10 am to 2:00 pm on Saturday, October 20. The local chapter will supply snacks but you should bring your own lunch or any items related to special needs.

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244.

Cheahmill

For more information, visit the chapter Web site, www.oregon-nativeplants.com. To be added to the e-mail list for upcoming programs and events, please contact cheahmillchapternpsoc@comcast.net.

October 25, Thursday, 7 - 8:45 pm

Meeting: Reintroducing the endangered golden paintbrush to Oregon's prairies. Tom Kaye, from the Institute for Applied Ecology, will speak on re-establishing populations of golden paintbrush to prairies in the Willamette Valley. This species was last documented in Oregon in 1938, but is now on the rise again, thanks to the efforts of conservationists partnering with government agencies, private landowners, and volunteers. Location: Carnegie Room, McMinnville Public Library, 225 N.W. Adams St. (corner of HWY 99W and SW 2nd St). Information: Bonnie Laux, 503-925-4960 or bonlaux@gmail.com.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Alexis Brickner and Kevin Weitemier at co_president@NPSOoregon.org or 208-921-0827.

October 8, Monday, 7:30 pm

Talk: Bee All You Can Bee! Bruce Newhouse from the Emerald Chapter will discuss how loss of habitat and native plant diversity has affected honeybees

as well as native bees and other pollinators. Learn about pollination and its importance, pollination biology, some of our fascinating pollinators, and how you can "bee" helpful in keeping our local pollinators thriving. Location: Avery House in Avery Park, Corvallis. Park to the south of the Avery House in the park's parking lot. For more information contact Kevin at 208-921-0827 or Alexis at 860-878-2049.

October 21, Sunday. 1-5:00 pm

Avery House Work Party. Come help with a fall clean up at the native plant garden around the Avery House in

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. For a sample copy check out the NPSO website. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12.

Corvallis. Bring gloves, a trowel, bucket, clippers and dress for the weather. We will be weeding, pruning and getting plants together for the spring garden sale. Contact Esther McEvoy for more information at 541-753-0893.

November 3, Saturday, 8 am

Field Trip: Mushroom Hike. Dan Luoma will lead mushroom hunters on a hike—itinerary to be determined by the weather and fungus availability—to identify and gather the succulent fungi. This will be an all-day outing, so please bring rain gear, stout boots, a basket, waxed paper or bags, and lunch, water, etc. Meet at the OSU parking lot southwest of The Beanery, 26th and Monroe a bit before 8 am. For more information, call Dan at 541-752-8860.

November 12, 7:30 pm

Talk: Tips and Tricks from the Oregon Flora Project Website. Linda Hardison, Oregon Flora Project (OFP) Director, will present the current activities at the OFP and demonstrate how its web tools and resources can inform your plant data needs. Also, get a sneak peek at the significant updates coming to the website next year! Location: Avery House in Avery Park, Corvallis. Park to the south of the Avery House in the park's parking lot. For more information contact Kevin at 208-921-0827 or Alexis at 860-878-2049.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

October 15, Monday, 7:30 pm and 9:30 pm

Meeting: Owyhee Canyonlands.

Chris Hansen of the Oregon Natural Desert Association (ONDA) speaks on Oregon's Owyhee Canyonlands—the largest stretch of unprotected desert wilderness left in the United States. ONDA has been working to

permanently protect the Owyhee, and we'll gather to see some amazing images of this Wild place and share stories about Wild and Scenic River trips, sage grouse counts, and inland redband trout. Then we'll talk about how to fill the Oregon desert wilderness gap. Location: EWEB Training Room, 500 E. 4th Avenue, Eugene. At 9:30 pm, Chris will continue his presentation in a more informal manner at COZMIC at 199 W. 8th in Eugene. Information: 541-345-5531.

November 19, Monday, 7:30 pm

Meeting: Little Shops of Horror: Carnivorous Plants of Oregon. Charlene Simpson presents a slide show featuring the lures and traps of flesh-eating plants. Starring the Cobra Lily and featuring sundews, bladderworts and butterworts in Oregon's bogs and fens. Location: EWEB Training Room, 500 E. 4th Avenue, Eugene. Information: 541-349-9999

Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby at 541-884-5703 or smalaby@cs.com.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at wusara96@yahoo.com.

October 18, Thursday, 7:00 p.m.

Meeting: Speakers: Jan and Dave Dobak, members of the Portland Chapter, NPSO Fellows for 2012, inveterate hike leaders and botanical travelers. The Dobaks will share their photos and botanical experiences in Nevada, particularly in the Ruby Mountains and Great Basin National Park. Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

November 15, Thursday, 7:00 p.m.

Meeting: Speaker: Linda Hardison, Dept of Botany and Plant Pathology at Oregon State University, Corvallis. Hardison is Director of the Oregon Flora Project, which provides access to comprehensive information about the vascular plants of Oregon via the

Oregon Plant Atlas, the Rare Plant Guide, the Vascular Plant checklist, and the Oregon Flora. Hardison will introduce these resources and share the latest news of their development. Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

Portland

If you would like to receive the chapter's semi-official e-mail newsletter, The Calochortus, e-mail Don Jacobson at donj-photo@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

October 6, Saturday, 8:30 am

Field Trip: *Abies* ("True" Firs) Hike.

A little known botanical quirk creates a unique learning opportunity near Portland. All the species of "true" fir (*Abies*) in the Northwest grow around Government Camp, on the southwest slope of Mt. Hood. Come learn about this important genus of conifers, how to distinguish the various species, and how to tell them apart from other genera of trees. Leave at 8:30 am, from near Gateway MAX station, NW corner of NE Pacific Street and NE 99th Avenue. Or meet at Government Camp at 10:00 am. Round-trip from downtown Portland, about 120 miles. Contact Rick Shory at rickshory@gmail.com or 503-253-8100 to sign up for the hike and for the exact location.

October 10, Wednesday, 9:30 AM

Mushroom Hike. Melanie Bjorge, a mushroom enthusiast, will lead this mushroom appreciation field trip. No permit will be required as we will not be collecting. Trip is limited to 12 participants. We will be leaving from the Gateway MAX area at 9:30 AM and returning around 4:00 PM. To sign up for the hike or for more information, contact Melanie at 503-697-3748 or mbjorge2@gmail.com.

October 11, Thursday, 7 pm

Program meeting: Conifers of the

Pacific Northwest. Martin Nicholson, curator of the Hoyt Arboretum in Portland, will talk about conifers of the Pacific Northwest. Metro building at 600 NE Grand Avenue, Portland, Oregon. Enter the building at the south end of the upper plaza on Irving St, (not the door on 600 NE Grand Ave). Informal meeting starts at 7 pm. Formal meeting begins at 7:15 p.m. Contact: Angie Moore at mlm@teleport.com or 503-292-2093.

November 8, Thursday

Meeting: Lichens of the Pacific Northwest and the Effect of Climate.

Linda Geiser of the USFS will use studies done at high elevations in OR and WA to present lichens as indicators of climate change. She will weave together local natural history, past climate change, and predictions for the future, and connect this to our daily lives and the need to reduce fossil fuel use. Metro building, 600 NE Grand Avenue, Portland. Enter the building at the south end of the upper plaza on Irving St, (not the door on 600 NE Grand Ave). Informal meeting starts at 7 pm. Formal meeting begins at 7:15 p.m. Contact: Roger Brewer at rogerbrewer@comcast.net or 503-789-5027.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2012, make a suggestion, or provide feedback regarding the field trip program please contact Sasha Joachims at: sasharain71@gmail.com.

October 18, Thursday, 7:15 pm

Program: TBA. Southern Oregon University, Science Bldg., RM 171. Refreshments at 7:15 pm, meeting and program at 7:30. Contact Kristi: 541-941-3744.

October 28, Sunday, 10 am

Hike to McDonald Basin. Join Wayne Rolle on this cross-country hike to McDonald Basin via the Siskiyou Crest and McDonald Peak. As always on an

NPSO excursion, the emphasis is on the flora. There will be some interesting grasslands and hillslope wetlands along the way. Less than 4 miles, roundtrip. Meet 10:00 am behind the Oil Stop on Ashland St, about 1/4 mi west of I-5, exit 14. For more information call Wayne at 541-482-0093.

Umpqua Valley

Visit www.umpquavalley.npsoregon.org for more information on chapter activities.

Willamette Valley

For program information, contact John Savage at 503-399-8615 or Alexandra Ninneman at 503-391-4145.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Laurie Allen at 541-805-0499 for updates and general information.

"A man has made at least a start on discovering the meaning of human life when he plants shade trees under which he knows full well he will never sit."

Elton Trueblood
(1900-1994)



Now Available: NPSO Occasional Paper 3

Urbanizing Flora of Portland, Oregon, 1806-2008

NPSO Occasional Paper 3: 1-315.
by John A. Christy, Angela Kimpo,
Vernon Marttala, Philip K. Gaddis,
and Nancy L. Christy (2009)

This compilation of the vascular plants of the Portland-Vancouver area analyzes changes in the region's vegetation since 1806. A total of 1,556 taxa in 125 families are represented. Based on herbarium specimens, publications, and unpublished manuscripts, it tracks the changing fortunes of native and exotic species shaped by an expanding urban environment. It includes a history of botany in Portland, a gazetteer of historical and modern place names, botanical miscellanea from 19th and early 20th century Portland, and lists of rare species for use by planners and land managers.

OTHER EVENTS

Siskiyou Field Institute

November 3rd, Saturday

Edible Mushrooms of Southern Oregon and Northern California. Search the woods and learn how to safely identify and collect the edible mushrooms of southern Oregon. Discover key characteristics for identifying many of the following: morels, boletes, corals, oysters, chanterelles and matsutakes. Poisonous mushrooms known to occur in the area will also be reviewed. Cost \$50, advance registration required. Contact: (541) 597-8530, www.thesfi.org

November 9th - 11th, Fri - Sun

Mushrooms with David Lebo. Learn about the biology, ecology, and field identification of mushrooms in this perennial favorite SFI class. On Friday, we'll prowl the Illinois Valley for fungi. On Saturday, we'll drive the scenic Smith River Gorge and scout for mushrooms on the Six Rivers National Forest

and along the Oregon coast. Sunday, we'll continue 'shrooming along the northern California coast. Cost \$140, advance registration required. Contact: (541) 597-8530, www.thesfi.org

Willamette Valley Hardy Plant Group

October 9, Tuesday, 7 p.m.

Presentation: Carolyn Colb of Wind Dancer Garden Nursery. Carolyn will bring live grasses to display their merits. Fall is the best time to see ornamental grasses in the garden, and Carolyn is one of the best advocates of grasses. Doors open at 6:30 for book sales and viewing botanical samples. Admission is \$5 for non-members and free for members. Campbell Community Center, 155 High St., Eugene, OR. For more information, visit www.thehardyplant-group.org or call 541-344-0896.

URBANIZING FLORA OF PORTLAND, OREGON.
1806-2008



John A. Christy, Angela Kimpo, Vernon Marttala, Philip K. Gaddis, and Nancy L. Christy
Occasional Paper 3 of the Native Plant Society of Oregon
2009

Price: \$15 postpaid, checks payable to Native Plant Society of Oregon.
Orders: Prepaid only
Contact: John Christy
7050 SW Canyon Crest Drive
Portland, OR 97225-3623
john.christy@oregonstate.edu
Please remember to include your mailing address and telephone number.

Effects of Climate Change, cont. from page 1
examine interactions between genotypes and microclimate response.

Kincaid's lupine is a perennial forb in the legume family (Fabaceae) that is native to prairies and oak savannas in the Pacific Northwest ecoregion.



ERIN GRAY

Lupinus oreganus seedlings in the greenhouse.

It has many unbranched stems, and basal leaves that are persistent until after flowering. It can be seen flowering between April and June. Both the USFWS and the Oregon Department of Agriculture (ODA) list it as a threatened species. Protection of this species is complicated by the fact that over 90% of individuals are located on private land. Kincaid's lupine plays a vital ecological role as the primary larval host plant to an endangered species, Fender's blue butterfly (*Icaricia icaroides fenderi*). Fender's blue butterfly is endemic to the Willamette Valley's native prairies, but over 99% of its native habitat has been converted for agricultural purposes and urban development. Habitat loss, paired with the negative effects of invasive species on Kincaid's lupine survival, has created challenges for Fender's blue butterfly recovery.

Temperatures throughout the Pacific Northwest are predicted to increase by 1–2° C in the next 30 years, with an additional 3–4° C increase by 2080. Effects of this change will include reduced precipitation during the growing season, higher winds and the

increased capability for spread of invasive species. Current restoration efforts for Kincaid's lupine have focused on its historic habitat, but these habitats may become unsuitable as temperatures increase. Results from the common garden experiment will inform how projected climate changes will affect establishment and survival of introduced populations. With this knowledge, restoration specialists can mitigate for climate-driven shifts within a geographic range by using appropriate seed sources.

Seed was collected from seven populations within Kincaid's lupine's range, with the southernmost sites located in Douglas County and the northernmost located in Yamhill County. In 2013, seed from an 8th population in Washington State will be incorporated into the garden. Seed was scarified and put in cold stratification for one month to induce germination, and was then grown out in greenhouses. Kincaid's lupine can be a challenge to propagate in the greenhouse because it requires an inoculum of rhizobium bacteria to effectively establish and fix nitrogen. Our staff was successful in producing an abundant crop of healthy plants for initial outplanting, as well as an additional crop to provide replacements for mortality in the early stages of the experiment.

To reproduce climatic variation in

the experiment, the common garden was established at the OSU Hyslop Farm, near Corvallis. Thirty plots were arranged in a grid consisting of 10 replicates of three treatment types: ambient, cooling, and warming. The ambient plots were left open to the surrounding environment. Both cooling and warming plots were made of 10'x10'x3' PVC frames; the cooling plots were covered with highly permeable shade cloth and the warming plots were equipped with clear plastic sheeting with holes to allow precipitation to pass through. These plots were created and maintained through the combined efforts of IAE staff and numerous volunteers. Each plot was planted with at least 4 individuals from each of the 8 populations. During the installation phase, volunteers and staff weeded and watered the plots to ensure establishment and survival of seedlings. Each of the plots was equipped with a rain gauge to measure precipitation and data loggers that collect air temperature, relative humidity, and soil temperature at regular intervals. IAE staff and volunteers monitor each plant by counting the number of leaves and measuring the foliar cover, along with recording mortality of any plants during the study. Results from this study will provide much-needed guidance for appropriate genotypes for population augmentation and introduction for



ERIN GRAY

Warming and cooling structures in common garden at OSU Research Farm.

Kincaid's lupine, and thus aid in the conservation of Fender's blue butterfly habitat.

Using common garden experiments to identify and test genetic variation and climatic adaptation in seed sources for ecological restoration is a powerful tool for informing management decisions. Conclusions drawn from this common garden climate manipulation experiment can potentially be applied to other sensitive species and priority habitats throughout the ecoregion.



New Membership Chair

Please welcome Matt Morales, who has volunteered to replace Clayton Gautier as the NPSO Membership Chair. And a big Thank You to Clayton for all his work! Membership dues and inquiries should now be sent to:

Native Plant Society of Oregon
P.O. Box 80714
Portland, OR 97280

Welcome New NPSO Members

NPSO would like to extend a slightly belated welcome to the following new members who have joined over the course of the past year:

Cheahmill

Dee Goldman
Sharon Rose

Corvallis

OSU-Hatfield Marine Science Center
Maureen Beezhold
Laura E. Benton
Rosalie Bienek
Laura Brophy
Jennifer Combs
Erin Gray
Matthew Gray
Christopher Janousek
Susan Syed
Ellen Tappan

Emerald

Julie Aukstkalnis
Sarah Brown
Lynn Cantrell
Joseph Davis
Karin Edla
Jody Fairchild
Cassandra Jackson
Rick & Chris Johnson
Marianna Monaco
Jared Pruch
Philip Richardson
Ward Ricker
Patrick Selman
Lillian Shoupe
Genealle Visagorskis
Herb Weaver
Karen L. Yoerger

Mid-Columbia

C. Theo Anderson

Portland

Don Hardin
Beverly Linde
Ralph T. Rogers
Birds & Bees Nursery
Shannah Anderson
Kathryn Axelrod
Amy Balint
Priscilla Butler
Jim De Staebler
John Dolese
Carol Edwards
Miranda Geller
Corbin Gentzler
Matthew Hammond
Marcy Krass
Sherry A. Larson
Bob Lebens
Lois Leonard
Jennifer Lovell
Kirk & Amy Markovitz
Julie McWhorter
Matt Morales
Marianne & Tom Nelson
Daniel Papkin
Delores Porch
Elizabeth Price
Jeff Ramsey
Sharon Schlentner
Susan Schradle
Ellen Simmons
Caroline Skinner
Eileen Stark
Goldie Wasncke
Jim Weber
Jan Weiserber

Siskiyou

Rose R. White
Jennifer C. Wilson
Stella Copeland
Christine P. Gardiner
Pete Gonzalves
Nancy Hemstreet
Catherine Kizer
Judith Lang
Judith Maxwell
Kathy Mechling
Diane Meyer
Jill Pade
Linda S. Park
Jarid Simons
Jeffrey Tufts
Linda Zercher

Umpqua Valley

Matthew G. Hunter

Willamette Valley

Mark Akimoff
Dann Barnard
Mark Leppin

William Cusick

Emelie McNett
Sabine Mellmann-Brown
Laura Osinga
Danae Yurgel

Members at Large

Lyle Anderson
James Duemmel
Michael J. Fitzgerald
Marie Hitchman
Michael Keown
Brian Ort
Dan Post

The Flower Song

Nancy and Mike Fahey write: *After reading the last NPSO Bulletin, we were reminded of this song. It was taught to us by Herm Fitz at an Annual Meeting in the 1980's.*

(Sing to the tune: She'll Be Comin' Round the Mountain)

Question:

What are the parts of a flower?

Answer:

There are four important sections to a flower,
There are four important sections to a flower,
Oh, the calyx and corolla, the stamen and the pistil,
There are four important sections to a flower.

Oh, the calyx is the section of the flower,
It's the outer leaf protection of the flower,
Yes, the calyx is the section, whose function is protection,
Oh, the calyx gives protection to the flower.

The corolla is the blossom of the flower,
It provides the scent and color to the flower,
And the color and the scent do exactly as they're meant to:
They attract the birds and insects to the flower.

There's a pollen bearing organ in a flower,
There's a pollen bearing organ in a flower,
And it's time we were explainin' the purpose of the stamen,
It's the pollen bearing organ of the flower.

Now the pistil has the ovule for the seed,
And the stamen has the pollen it will need,
The calyx and corolla, the stamen and the pistil,
Every section has a function yes indeed.



Bolander's lily (Lilium bolanderi) flowers in summer, is primarily pollinated by Allen's and rufous hummingbirds and associates with bear-grass.

NPSO Items for Sale

Booklets on Gardening with Native Plants. Emerald Chapter's three booklets about native plants of the southern Willamette Valley are "Native Herbaceous Plants in Our Gardens," "Native Shrubs in Our Gardens," and "Native Trees in Our Gardens." \$9.35/set of three, mail order. Individual booklets sold from the NGAP booth at Down-To-Earth, or by check made out to "Emerald Chapter NPSO" with "NGAP Gardening Guides" in the memo line to P.O. Box 902, Eugene OR 97440-0902. Also see online in PDF format at www.emeraldnps.org Click on "Gardening with Native Plants."

Field Guide to Shrubs of Southwest Oregon. An 80-page, pocket-sized field guide identifies 56 of the most frequently-encountered shrubs in SW Oregon, and describes each species in detail with words and photos, including habitat, leaves, twigs, fruit, and flowers. Dichotomous keys, illustrations of common plant parts and glossary included. Janet Walker, NPSO Siskiyou chapter member, and Max Bennet, Forestry Agent with Jackson/Josephine Counties. \$7/copy; checks payable to "OSU Extension Service." Mail to Shrub Guide, Jackson County Extension, 569 Hanley Rd., Central Point, OR 97502.

Poseidon's Necklace. Don Begnoche, Siskiyou chapter, has issued an Oregon field guide covering the coastal section, mile by mile, from Astoria to Brookings. Genesis of the coastal landscape and flora found on dunes, headlands and montane slopes; over 500 landscape and floral photographs as well as geologic maps and illustrations. PDF format on a CD. \$19.95 + \$2.50 s/h. Mail checks to Don Begnoche, 439 Herbert St., Ashland, OR 97520

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____

Address _____

City _____ State _____ Zip+4 _____

Phone _____ E-Mail _____

Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

Address _____

City _____ State _____ Zip+4 _____

Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Native Plant Society of Oregon

P.O. Box 80714

Portland, OR 97280

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

☐ New

☐ Renewal

☐ Student – \$12

☐ Regular – \$25

☐ Family – \$35

☐ Sustaining – \$60

☐ Patron – \$125

☐ Life Membership – \$500

☐ Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund \$ _____

Leighton Ho Memorial Field Botany Award Fund \$ _____

Augusta Rockefeller Memorial Scholarship \$ _____

Rare and Endangered Plant Fund \$ _____

Friends of the Oregon Flora Project \$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

OFFICERS & COMMITTEE CHAIRS

STATE OFFICERS

DIRECTORS (to 6/2012)..... Esther McEvoy, Kareen B. Sturgeon, Rhoda Love (to 6/2013) Linda Hardison, Frances Stilwell, Bruce Waugh

PRESIDENT Judi Sanders president@NPSOregon.org; 541-738-6674

IMMEDIATE PAST PRESIDENT..... David Lebo past_president@NPSOregon.org; 503-622-2008

VICE PRESIDENT..... Billy Don Robinson bdmeme@gmail.com; 503-515-1708

SECRETARY..... Lisa Blackburn secretary@NPSOregon.org; 503-538-3976

TREASURER..... Cyndi Dion 897 Hillview Dr., Ashland, OR 97520-3517; treasurer@NPSOregon.org; 541-482-8603

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CHEAHMILL Lisa Blackburn ch_president@NPSOregon.org; 503-538-3976

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EMERALD (Eugene)..... Brian Basor 78703 Echo Hollow Ln., Cottage Grove, OR, 97424; em_president@NPSOregon.org; 541-335-1268

MID-COLUMBIA Sara Wu 595 Hearthsides Lane, Goldendale, WA 98620; wusara96@yahoo.com; 509 773 7127

PORTLAND Angie Moore po_president@NPSOregon.org; 503-292-2093

Roger Brewer rogerbrewer@comcast.net; 503-789-5027

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WILLAMETTE VALLEY (Salem) John Savage 1645 Church St SE, Salem, OR 97302-2908; wv_president@NPSOregon.org; 503-399-8615

WM CUSICK (La Grande) Susan Geer susanmgeer@gmail.com

Dick Austin..... wc_president@npsoregon.org

STATE COMMITTEE CHAIRS

BUDGETS AND GRANTS Dan Luoma..... 3740 NW Harrison, Corvallis, OR 97330; 541-752-8860

CONSERVATION, EAST SIDE..... Vacant.....

CONSERVATION, WEST SIDE..... David Lebo president@NPSOregon.org; 503-622-3191 ext. 639

FRIENDS OF OR FLORA PROJECT Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; hardisol@science.oregonstate.edu; 541-737-4338

LEGISLATIVE Billy Don Robinson bdmeme@gmail.com; 503-515-1708

MEMBERSHIP..... Matt Morales P.O. Box 80714, Portland, OR 97280; membership@NPSOregon.org

NPSO FELLOWS..... Jan and Dave Dobak..... jddobak@pcez.com; 503-248-9242

RARE & ENDANGERED PLANTS.... Erin Gray & Cecile Shohet..... ecgray830@gmail.com, cshohet@gmail.com

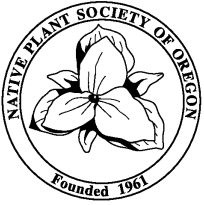
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*Send change of address notices
and membership requests to:*

Native Plant Society of Oregon
Matt Morales, Membership Chair
P.O. Box 80714
Portland, OR 97280

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www.oregonflora.org

Friends of the Oregon Flora Project

The Oregon Flora Project is developing a comprehensive reference about the plants of Oregon that includes distribution maps, images of live plants and herbarium specimens, descriptions, and identification tools. The information is available to the public via our website, <http://oregonflora.org>. Funding for the Oregon Flora Project comes exclusively from competitive grants and donations from organizations and individuals. The contributions people give of their time and financial resources are a critical part of our operating budget. If you would like to be a part of the team that keeps the OFP progressing, please contact us at ofpflora@oregonflora.org, or phone 541-737-4338.

Contributions can be mailed directly to: Agricultural Research Foundation, Oregon State University, 100 Strand Ag Hall, Corvallis, OR 97331-2219. Please make checks payable to the Ag. Research Foundation, and include "Oregon Flora Project-4482" on the memo line.



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

VOLUME 45, No. 9

NOVEMBER 2012

John O. Sawyer — Kin to the Earth

by Michael E. Kauffmann

This article was originally posted on the author's website. For information on conifers of the Klamath Mountains, visit www.conifer-country.com or meet the author in person at the Siskiyou chapter Holiday Potluck on December 13.

Dancing with raindrops from car to porch on any number of oft-spectacular Humboldt Bay days, I was hungry for a lunch date. As I shook my hands dry the push of a bell initiated the shuffle of feet, a crack of the door—and soon after—a long, sincere, chuckle. The opening door revealed a smile to go with the laughter. It was the same way every time, and I always loved it. John's spirit was contagious

and he always brightened my day.

Once inside we would sit in the living room and chat, catching up with Jane, discussing a recent issue of *Backpacker Magazine*, or the latest developments in the world of conifers—eventually make our way to the car for lunch at the Sushi Spot in downtown Arcata. Just as the restaurant was pre-determined so was our order. Edamame, Klamath Rolls, and a pot

of tea would stimulate several hours of conversations swirling with conifers, flowering plants, places, sustainability, and biodiversity across the Klamath Mountains. As we talked we delved into Klamath facts, theories, and hypotheses all the while reminiscing about wilderness trips across the range. For Sawyer, trans-Klamath adventures had been occurring for a long time. He knew and loved the landscape.

John joined the faculty at Humboldt State University in 1966, where he became Professor of Botany and soon a nationally recognized authority on plant ecology, conifers, and the vegetation and flora of California,

continued on page 6

It's Renewal Time!

The NPSO membership year is January to December. Now is the time for members to renew for 2013. To find out whether you need to renew, please look at your address label on this issue of the *Bulletin*. If 2012 appears along the top edge of the label, you need to renew before February 15, 2013 to ensure that you do not miss out on any of the *Bulletins* or on the 2013 issue of *Kalmiopsis*. If the year is absent (i.e. top of label is blank) or if you see 2013, 2014, or a later year, ignore this notice - you do NOT need to renew at this time.

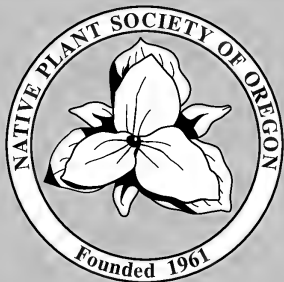
Please use the remittance envelope in this issue of the *Bulletin* to send in your dues, or use the membership form on the inside back page if the envelope is missing.

It's also a great time to consider a tax-deductible contribution to our special funds. The Leighton Ho Memorial Award is used for research projects in western Oregon. The Rare and Endangered Plant Fund supports work with our most threatened plants. The Augusta Rockefeller and Jean Davis Memorial Scholarships are awarded annually to a botany student at an Oregon college or university. You can also include a contribution to the Oregon Flora Project along with your dues.

Earth Share Contributors: ignore this notice unless you wish to become a regular member of NPSO. You will continue to receive the *Bulletin* for one year from the time of your contribution.

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Native Plant Society of Oregon

World Wide Web

<http://www.NPSOregion.org>

E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message:
subscribe npsoc

General Business Address

P.O. Box 902
Eugene, OR 97440
or correspond directly with Officers and Committee Chairs listed on the inside of the back page.

Membership Inquiries Only

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Portland, OR 97280

Bulletin of the Native Plant Society of Oregon

Editor: Erika Wedenoja
Layout Artist: Jocelyn Duffy

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The submission date is the 10th of each month for the following month's issue except for the Aug/Sept issue which is July 24 and the Dec/Jan issue which is November 24. Send submissions by e-mail to bulletin@NPSOregion.org.

Opinions expressed in this publication are those of the authors of the articles. They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

Grant Proposals Requested

NPSO will continue to sponsor small field research grants. The objectives of the program are:

1. To stimulate basic field research into the biology and distribution of Oregon's native and naturalized flora and vegetation, particularly in the more remote areas of the state.
2. To promote native plant conservation through better understanding of Oregon's flora and vegetation and the factors affecting their survival.

Research proposals are due annually by March 1. The guidelines are available online at: www.npsoregon.org/grants.html. For a paper copy of the program policy and guidelines, contact:

Dan Luoma, Field Research Grants Committee Chair
5 NW Edgewood Dr.
Corvallis, OR 97330
541-752-8860

Membership Directory to be Published

The 2013 edition of the NPSO Membership Directory will be published in April. An insert has been placed inside the renewal envelope included in this issue with instructions on how to preorder either a hard copy or an electronic copy of the Directory. Because of increased printing costs, we must now charge \$5 for the hard copy. The electronic copy is free.

If you wish to have your address or telephone number or both withheld from publication in the Directory, please make a prominent note on your renewal form.



DON JACOBSON

Calvatia sculpta (the sculpted puffball) can reach 14 cm in height and is reputed to be one of the best edible puffballs; however, C. sculpta does bear a superficial resemblance to Amanita magniverrucata, a possibly toxic, white Amanita, so be sure in your identification! The sculpted puffball is found alone or in small groups in conifer woods at higher elevations of western U.S. mountains; fruiting from late spring to early summer.

NPSO CALENDAR

State Notes

July 26 - 28, 2013

2013 NPSO Annual Meeting. The 2013 Annual Meeting will be in Baker City, OR, hosted by the William Cusick Chapter. Stay tuned for more information!

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244.

Cheahmill

For more information, visit the chapter Web site, www.oregon-nativeplants.com. To be added to the e-mail list for upcoming programs and events, please contact cheahmillchapternpsocomcast.net.

November 24, Saturday, 10 - noon

Work Party #156: Native Plant Garden, McMinnville Library. It's fall and we've switched over to weekend work parties. Volunteers will focus on weeding and the ongoing maintenance of garden specimens. Newcomers are welcome! Please dress for the weather and bring your own gloves and garden tools. Contact: Susan Williams, 503-538-1865 or helgesusan@comcast.net.

November 29, Thursday, 7 - 8:45 pm

Meeting: Beach grass invasions and their influence on dune ecosystem functions and services. Dr. Sally Hacker, professor of ecology at Oregon State University, will explore how beach grass invasions have changed the dynamics of dune ecosystems and the protective services they provide. As a community ecologist interested in natural and managed coastal, dune, and estuarine communities, Dr. Hacker's research explores the structure, functions, and services of communities experiencing major plant invasions. Location: Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of HWY 99W and SW 2nd St). Parking lot entrances on Adams and Second streets. Information: Bonnie Laux, 503-925-4960 or bon-laux@gmail.com.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Alexis Brickner and Kevin Weitemier at co_president@NPSOregon.org or 208-921-0827.

November 3, Saturday, 8 am

Field Trip: Mushroom Hike. Dan Luoma will lead mushroom hunters on a hike -- itinerary to be determined by the weather and fungus availability -- to identify and gather the succulent fungi. This will be an all-day outing, so please bring rain gear, stout boots,

a basket, waxed paper or bags, and lunch, water, etc. New meeting location: Bi-Mart parking lot, corner of 53rd and Highway 20/34 a bit before 8 am. For more information, call Dan at 541-752-8860.

November 11, Sunday, 1 - 4 pm

Potting Party: Avery House. Come help us prepare cuttings and divisions of native plants to be ready for the Spring Garden Sale. You may go home with a new cutting to keep! Please bring gloves, a trowel, rain gear, and any native cuttings or divisions you may have to pot up. Location: Avery Park Lion's shelter (near the Avery House). RSVP to Esther McEvoy, 541-754-0893 or esther@peak.org, so we can gauge needed supplies.

November 12, Monday, 7:30 pm

Talk: Tips and Tricks from the Oregon Flora Project Website. Linda Hardison, Oregon Flora Project (OFP) Director, will present the current activities of the OFP and demonstrate how its web tools and resources can inform your plant data needs. Also, get a sneak peek at the significant updates coming to the website next year! Location: Avery House in Avery Park, Corvallis. Park to the south of the Avery House in the park's parking lot. For more information contact Kevin at 208-921-0827 or Alexis at 860-878-2049.

December 10, Monday, 7 pm

Meeting: Corvallis Annual Winter Party. Join us at the house of Loren and Flo, 3420 SW Willamette Avenue, Corvallis. Please bring slides or digital images of your botanical adventures to show and a dessert to share with the group. Contact Loren at loren.russell@comcast.net.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. For a sample copy check out the NPSO website. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12.

November 19, Monday, 7:30 pm

Meeting: Little Shops of Horror: Carnivorous Plants of Oregon. Charlene Simpson presents a slide show that features the lures and traps of flesh-eating plants. Starring: the Cobra Lily and featuring sundews, bladderworts and butterworts in Oregon's bogs and fens. Location: EWEB Training Room, 500 E. 4th Avenue, Eugene. Information: 541-349-9999.

December 17, Monday, 7:30 pm

Event: Holiday Social and Slide Show. Bring 10 to 12 slides (traditional or digital) and a snack to share if you wish. Location: EWEB Training Room, 500 E. 4th Avenue, Eugene. For more information call 541-349-9999.

Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby at 541-884-5703 or smalaby@cs.com.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at wusara96@yahoo.com.

November 15, Thursday, 7 p.m.

Meeting: Need Plant data? -- The Oregon Flora Project Provides! The Oregon Flora Project (OFP) is a dynamic program providing information about the vascular plants of Oregon. Customized maps, images, nomenclature, fact sheets, and plant descriptions are some of the many resources made available through the OFP website. Director Linda Hardison, Dept of Botany and Plant Pathology at Oregon State University, will describe how these tools were developed, demonstrate ways the data apply to real-life questions, and share plans for a new and improved OFP website. Location: Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

Portland

If you would like to receive the chapter's semi-official e-mail newsletter, The Calochortus, e-mail Don Jacobson at donj-photo@gmail.com.

photo@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

November 8, Thursday, 7 pm

Program meeting: "Lichens as an indicator of climate change." Linda Geiss of the US Forest Service will show pictures of lichens in their natural settings and will present data from twenty years of observing lichens at high altitudes or Oregon and Washington, linking it to climate change, and the use of fossil fuels in our daily lives. Location: Metro building at 600 NE Grand Avenue, Portland. Enter at the south end of the upper plaza on Irving St, (not the door on Grand Ave). An attendant will let you in and direct you to the meeting room upstairs. Informal meeting at 7 pm. Formal meeting begins sharply at 7:15 p.m. Contact: Roger Brewer at rogerbrewer@comcast.net or 503-789-5027.

December 13, Thursday, 7 pm

Member's party: Slide Sharing. Bring your electronic slides of native flora from Oregon and beyond for our annual year end celebration of the wildflower season. Bring goodies to share. Location: Metro building at 600 NE Grand Avenue, Portland. Enter the building at the south end of the upper plaza on Irving St, (not the door on Grand Ave). An attendant will let you in and direct you to the meeting room upstairs. Informal meeting at 7 pm. Brief formal meeting followed by slide sharing starts at 7:15 pm. Contact: Roger Brewer at rogerbrewer@comcast.net or 503-789-5027.

Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2012, make a suggestion, or provide feedback regarding

the field trip program please contact Sasha Joachims at: sasharain71@gmail.com.

November 15, Thursday, 7pm

Meeting: RNAs & ACECs. Bureau of Land Management botanist Mark Mousseaux will describe a few of the special places in Southwest Oregon – Resource Natural Areas (RNA) and Areas of Critical Environmental Concern (ACEC) – and some of the special plants that grow there. Location: Southern Oregon University, Science Bldg., RM 171. Meeting time change: Refreshments at 6:45 pm, meeting and program at 7:00 pm. Contact Kristi: 541.941.3744.

December 13, Thursday, 6:30 - 9:30pm

Holiday Potluck Program: Past, Present, and Future: Climate Change and the High Elevation Conifers of the Klamath Mountain Region. Join teacher, researcher, and explorer Michael Kauffmann on an arm-chair journey through time and the Klamath Mountains, focusing on our regional high elevation conifers. These mega-flora of the Klamath Mountain tops have survived shifting climatic conditions through recent geologic ages, but will they survive the next shift? Michael's first-hand observations and others' studies from across the West suggest the answer. Location: Talent Community Center, Talent. Contact Kristi: 541.941.3744.

Umpqua Valley

Visit www.umpquavalley.npsoregon.org for more information on chapter activities.

Willamette Valley

For program information, contact John Savage at 503-399-8615 or Alexandra Ninneman at 503-391-4145.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Laurie Allen at 541-805-0499 for updates and general information.

OTHER EVENTS

Willamette Valley Hardy Plant Group

November 13, Tuesday, 7 pm

Presentation: Rhododendron Diversity. Harold Greer, of Greer Gardens and author of *Greer's Guidebook to Available Rhododendrons*, will give us insight into this extremely diverse genus. Doors open at 6:30 pm for book sales and viewing botanical samples. Admission is \$5 for non-members and free for members. Location: Campbell Community Center, 155 High St., Eugene. Park in the lot at the corner of 2nd Ave. and High St. For more information, contact: Pam Perryman, 541-344-0896

North American Butterfly Association

December 10, Monday, 7 pm

Presentation: "Bringing Back the Pollinators: What we can all do to protect these essential creatures." Scott Hoffman Black will discuss the importance of insect pollinators, the groups of insects that provide pollination services in North America, and actions we can take to protect and provide habitat for pollinators. Scott is Executive Director of the Xerces Society for Invertebrate Conservation and Chair of the International Union for Conservation of

Nature (IUCN) Butterfly Specialist. Location: EWEB Training Center at 500 4th Ave., Eugene. Refreshments at 7 pm, presentation at 7:30. Admission is FREE, all are welcome;

Ashland Parks & Recreation, North Mountain Park Nature Center

November 6, 13, and 20, 7 - 9 pm

Course: Climate Change & the Rogue Valley. This three-session course will explore the scientific basis for climate change and the physical and biological consequences, then focus on what is likely to happen in the Pacific Northwest. Instructor Alan Journet recently retired after teaching biology at Southeast Missouri State University for thirty years. Register online at www.ashland.or.us/register or call the Nature Center at 541-488-6606. \$6/session; \$15/series of 3. Location: North Mountain Park Nature Center, 620 N Mountain Ave., Ashland.

East Multnomah Soil & Water Conservation District (EMSWCD)

November 4 - December 5, Wednes-

days, Saturdays, and Sundays

Workshops: Dig into Fall Gardening. Free Naturescaping & Rain Garden Workshops in Portland: Rain Gardens 101, Naturescaping Basics, and Site Planning 1. Pre-registration required. View the full schedule, start times, location details and register online at www.emswcd.org/workshops-events/register-for-a-workshop. Information: 503-222-7645.

Siskiyou Field Institute

November 14th - 16th, Wednesday - Friday

Survey and Manage: Fungi. Survey and Manage protocols include searches for listed fungi on federally managed lands, as mandated under the Northwest Forest Plan. This intermediate/advanced level course addresses those target fungal species. Course time will include lectures and lab time to examine specimens. A field component will address locating these generally subterranean species. Instructor: Scot Loring. Location: Deer Creek Center, Selma, OR. Tuition: \$225. Advance registration required. Contact: (541) 597-8530, www.thesfi.org

2013 Photo Contest - Native Plant Appreciation Week

This year NPSO will again host a photo contest to select images for the 2013 Oregon Native Plant Appreciation Week poster. Native Plant Appreciation Week is co-sponsored by NPSO and the Bureau of Land Management. The contest is open to everyone. Photos should showcase an Oregon plant community or a portrait of an Oregon native plant. Photos may have been taken at any time but must have been taken in Oregon.

Entries must be submitted online on the NPSO Photo Gallery (www.npsoregon.org/photos/v/2013npaw/), in the album titled "2013 NPAW Photo Contest." Two entries maximum per person. **Entry deadline is December 15, 2012.**

Photos will be rated and selected by the poster committee based on subject matter, composition, and technical excellence.

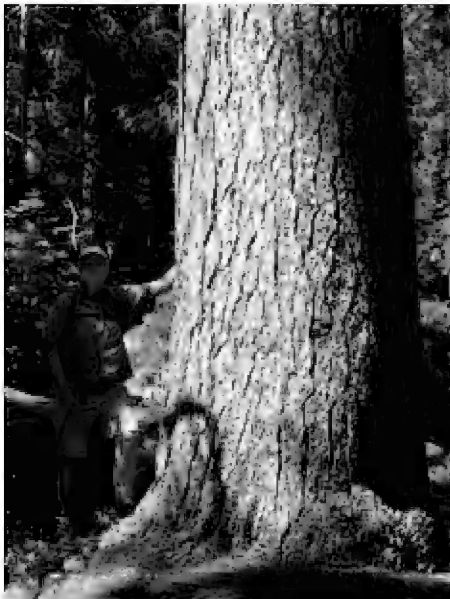
When submitting images to the gallery, please fill in the Caption field with as much information as you can provide about the photo; photographer name, species or other description, and location are all required. The sample image in the album shows what is wanted. Please give each photo a descriptive name (such as *dodecatheon_pulchellum*) before uploading. For each photo submitted, send an email to Judi Sanders, judi.sanders@gmail.com, giving the information in the Caption field, as well as the name of the photo as it is listed in the album. Also include your email address, home address, and phone number. Complete details can be found at: www.npsoregon.org/photocontest.html. Questions can be emailed to Judi Sanders. For any problem submitting photos, contact the webmaster, webmaster@npsoregon.org

John O. Sawyer, cont. from page 1

especially of the Klamath Region. He was particularly proud of his cadre of graduate students (over 50 of them!) many of whom now occupy professorships, and responsible positions in state and federal agencies and the conservation movement around the country. John's friendship and rigorous, theory-driven exploration of ecological ideas with his students and colleagues created personal and professional bonds that will last beyond a lifetime.

Sawyer never shied away from taking students into the field for hands-on experiences. He insisted everyone needed such adventures to learn about the natural world in a proper way. His class field trips included thousand mile bus rides to the Mojave Desert or shorter jaunts to trek students across, over, and around the ridges, canyons and mountain tops of the Klamath. All the while searching for plant species and piecing together patterns in the vegetation.

At the end of an era for pioneers,



MICHAEL E. KAUFFMANN

John and an impressive sugar pine (*Pinus lambertiana*) along Sugar Creek.

Sawyer and his colleagues were pioneering the understanding of large-scale landscape vegetation patterns. While he saw and loved the Western landscape broadly, he especially loved the Klamath Mountains and helped to define its flora. His countless hours of field research, extending well beyond his formal retirement, resulted in over



MICHAEL E. KAUFFMANN

Hiking on Limestone Ridge in the Trinity Alps Wilderness.

forty scientific publications and three books — *Trees and Shrubs of California*, *Northwest California: A Natural History*, and *A Manual of California Vegetation*, which was adopted as the state standard for vegetation classification. This love of native plants led to him being active in the Save the Redwoods League and the Ecological Society of America. John was President of the California Native Plant Society (CNPS), and a founding member and first President of the North Coast Chapter of CNPS.

I think what most excited me about John was his love of wild places. When he spoke of ideal wilderness he did so with a twinkle in his eye and a giddy-up in his voice. Over the years I knew him he revealed many of the favorite places he adventured in search of plants and patterns—but the one that came up most often was the Russian Wilderness.

G. Ledyard Stebbins first made him aware of the rare conifers around Russian Peak and asked John to journey there to help establish a better understanding of the area for the Inventory of Rare and Endangered Plants of California organized by CNPS. In the late 60's and early 70's he, along with numerous colleagues and students, trekked through this country to inventory the plants. In Sugar Creek Canyon they found 400 species of vascular plants and in one roughly drawn square mile around Little Duck Lake he and

Dale Thornburg discovered 17 species of conifers. They affectionately called this The Miracle Mile to celebrate the amazing diversity here. This work and the new understandings his research established ultimately led to the area's preservation as the Russian Wilderness in 1984. Something he was undeniably proud of.

John was one of the strongest people I know. He was indefatigable in the face of his long term illness. No matter how sapped of energy through years of treatments, he never stopped laughing, learning, and sharing. Recently, his doctors told him that his options were exhausted and that his life could be prolonged somewhat, but the quality of it (most expressly his ability to walk and get around on his own) could not. He declined quickly in the summer of 2012 and died comfortably, at home with the people he loved nearby—under a canopy of redwoods.

John influenced many of us as botanists, ecologists, biogeographers, and lovers of nature. But most importantly he was a model for the strength of the human spirit and the unalterable enjoyment of life through its ups and downs. His spirit and essence will always live on in our hearts and minds as well as in the wild places he so dearly loved.

I thank Jane Cole, Jim Smith, Todd Keeler-Wolf, Michael Mesler and Allison Poklemba for their contributions to this story.

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____

Address _____

City _____ State _____ Zip+4 _____

Phone _____ E-Mail _____

Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

Address _____

City _____ State _____ Zip+4 _____

Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Native Plant Society of Oregon

P.O. Box 80714

Portland, OR 97280

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

☐ New ☐ Renewal

☐ Student – \$12 ☐ Regular – \$25 ☐ Family – \$35

☐ Sustaining – \$60 ☐ Patron – \$125 ☐ Life Membership – \$500

☐ Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund \$ _____

Leighton Ho Memorial Field Botany Award Fund \$ _____

Augusta Rockefeller Memorial Scholarship \$ _____

Rare and Endangered Plant Fund \$ _____

Friends of the Oregon Flora Project \$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

OFFICERS & COMMITTEE CHAIRS

STATE OFFICERS

DIRECTORS (to 6/2013)..... Linda Hardison, Frances Stilwell, Bruce WaughMary Beth Averill, Betty Bahn and Cecile Shohet (to 6/2014)

PRESIDENT Judi Sanders president@NPSOregon.org; 541-738-6674

IMMEDIATE PAST PRESIDENT..... David Lebo past_president@NPSOregon.org; 503-622-2008

VICE PRESIDENT..... Billy Don Robinson bdmeme@gmail.com; 503-515-1708

SECRETARY..... Lisa Blackburn secretary@NPSOregon.org; 503-538-3976

TREASURER..... Cyndi Dion 897 Hillview Dr., Ashland, OR 97520-3517; treasurer@NPSOregon.org; 541-482-8603

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PORTLAND Angie Moore po_president@NPSOregon.org; 503-292-2093

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WM CUSICK (La Grande) Susan Geer susanmgeer@gmail.com

..... Dick Austin..... wc_president@npsoregon.org

STATE COMMITTEE CHAIRS

BUDGETS AND GRANTS Dan Luoma..... 5 NW Edgewood Dr., Corvallis, OR 97330; 541-752-8860

CONSERVATION, EAST SIDE..... Vacant.....

CONSERVATION, WEST SIDE..... David Lebo president@NPSOregon.org; 503-622-3191 ext. 639

FRIENDS OF OR FLORA PROJECT Linda Hardison..... 2082 Cordley Hall, Corvallis, OR 97331-2902; hardisol@science.oregonstate.edu; 541-737-4338

LEGISLATIVE Billy Don Robinson bdmeme@gmail.com; 503-515-1708

MEMBERSHIP..... Matt Morales P.O. Box 80714, Portland, OR 97280; membership@NPSOregon.org

NPSO FELLOWS..... Jan and Dave Dobak..... jddobak@pcez.com; 503-248-9242

RARE & ENDANGERED PLANTS.... Erin Gray & Cecile Shohet ecgray830@gmail.com, cshohet@gmail.com

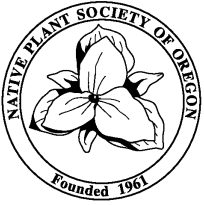
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and membership requests to:*

Native Plant Society of Oregon
Matt Morales, Membership Chair
P.O. Box 80714
Portland, OR 97280

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Friends of the Oregon Flora Project

Information we receive—Atlas observations, newly published names, herbarium specimen annotations, photos—passes through several quality assurance steps before we make it available on our website. We are improving these steps to shorten the time between the receipt of data and its public presentation. Issues that currently are or soon will be rapidly updated include: correction of Atlas dots with mapping coordinate errors, addition of new batches of images, and updates to identifications of images and specimens (e.g., annotations) when the new determination is a name in the current version of the Checklist. We will continue to publish new versions of the Checklist on a yearly or biannual basis, thus providing a clearly-defined reference to cite when documenting Oregon plant nomenclature.

Charitable donations are a critical part of the OFP budget. We hope you will give generously during our year-end fundraising campaign to help keep botanical information available for all!

Contributions can be made at any time by check (payable to Agricultural Research Foundation, with "OFP-4482" on the memo line) and sent to: Agricultural Research Foundation, 100 Strand Ag Hall, Oregon State University, Corvallis, OR 97331-8521.



Bulletin

of the

Native Plant Society of Oregon

Dedicated to the enjoyment, conservation and study of Oregon's native plants and habitats

VOLUME 45, No. 10

DECEMBER 2012/JANUARY 2013

Endemic Oregon Wildflower Named for Veva Stansell

The information for this article is from the source cited at the end of the text. Additional input was provided by Wendell Wood. Ed.

Kenton L. Chambers, of Oregon State University, recently identified a new species of *Erigeron*. *Erigeron stanselliae* is a perennial with basal leaves and the white composite ray flowers typical of its Asteraceae family. It is endemic to the Oregon Coast Range of Curry County and grows in serpentine gravel of mixed scrubland and woodland. Population size has not yet been determined and only two locations of *E. stanselliae* have currently been confirmed. The Forest Service implemented a temporary road closure from May-August 2012 to protect the

population located in the Signal Butte area. Veva Stansell brought Kenton Chambers to a site with a population now confirmed as *E. stanselliae* and this species has been named in her honor.

There are similar species of *Erigeron* in the area, including *E. robustior*, *E. maniopotamicus*, *E. eatonii* var. *plantagineus*, and *E. lassenianus*. *E. stanselliae* can be distinguished from these species by its lightly hairy stems, and leaves that are frequently hairless. In comparison, the other species have a greater density of hairs on their stems and leaves.

Reference

Chambers, K.L. 2011. A new species of *Erigeron* (Asteraceae) from southwestern Oregon. Journal of the Botanical Research Institute of Texas 5(2): 415-419.

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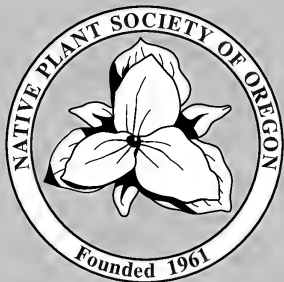
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OREGON WILD

The two known populations of Veva's *Erigeron* (*Erigeron stanselliae*) are only 5 km apart.



Native Plant Society of Oregon

World Wide Web

<http://www.NPSOoregon.org>

E-mail Discussion List

To join, send a message to majordomo@tardigrade.net, with the following in the body of the message: subscribe npsos

General Business Address

P.O. Box 902
Eugene, OR 97440

or correspond directly with Officers and Committee Chairs listed on the inside of the back page.

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Opinions expressed in this publication are those of the authors of the articles. They do not represent the opinions of the Native Plant Society of Oregon, unless so stated.

Scholarship Awards Given to Outstanding Oregon Students

by Thomas Jenkins, Willamette Valley Chapter Scholarship Chairman

The Willamette Valley Chapter is pleased to announce the scholarship award winners for 2012. Each winner receives \$1,000 toward their fall term tuition.

William "Billy" Matthews of Eugene has been chosen to receive the Jean Davis Memorial Scholarship. William is a Biology major at Lane Community College, and plans to pursue his Bachelor's degree at Southern Oregon University. Native plants are his passion. His research project on the phenology of Oregon Ash was published in the June issue of the NPSO *Bulletin*. William received very strong recommendations from his mentors and we are happy to help this outstanding student in achieving his academic goals.

Lea Condon of Corvallis has been chosen to receive the Augusta Rockafellar Memorial Scholarship. Lea is a Graduate Teaching Assistant at Oregon State University, where she is working toward her PhD. She has over 10 years of field experience and received very high praise from her mentors. Her current research relates to plant and soil crust recovery in fire-disturbed landscapes. Lea is an outstanding individual who is very deserving of this award.

"Thank you very much!" to those of you who have donated money in support of these scholarships.



New Reference Materials for NPSO Trip Leaders

A Trip Leader's Checklist and new Sample Waiver Form are now available on the NPSO website. Find them at the State and Chapter Events page: <http://npsoregon.org/calendar.html>, in the Field Trip Notes section.



It's Still Renewal Time

The NPSO membership year is January to December. Many of you have already renewed, but if you haven't yet, please do so before the end of February 2013 to ensure that you do not miss out on any of the Bulletins or on the 2013 issue of *Kalmiopsis*. Before you send in your renewal, it's a good idea to check the address label on this issue of the Bulletin. If it shows 2013 (or a later year) along the top, you are all set for the coming year and do not need to renew now.

It's also a good time to consider a tax-deductible contribution to our special funds. The Leighton Ho Memorial Field Botany Fund is used for research projects in western Oregon. The Rare and Endangered Plant Conservation Fund supports work with our most threatened plants. The Augusta Rockafellar and Jean Davis Memorial Scholarships are awarded annually to a botany student at an Oregon college or university. You can also include a contribution to the Oregon Flora Project along with your dues.

Your membership and donations make it possible to carry out more of the many projects that are needed to pursue the goals of NPSO.

NPSO CALENDAR

State Notes

NPSO Board Meeting

The next board meeting will be January 26, 2013 from 10am to 2pm, hosted by the Emerald Chapter. Location: Lane Community College, Eugene. Meet in room 115 in the Science Building, which is next to the upper parking lot on the south side of the campus. Additional directions and a preliminary agenda will be available in late December or early January.

Annual Meeting

The William Cusick Chapter will be hosting the 2013 meeting of the Native Plant Society of Oregon in Baker City from **Friday, July 26 to Sunday, July 28**. Emphasis will be on the plants of the nearby Elkhorn Mountains with field trips planned for many of the high elevations. Some of the near alpine plants that may be seen are *Geum rossii* and *Lomatium erythrocarpum*, both found in Oregon only in the Elkhorn Mountains. While many of the field trips will take place at elevations of 7,000 feet, there will also be some trips at lower elevations. Save the dates and plan on attending the annual meeting in Baker City, and watch for more information in the next couple months!

Blue Mountain

For information on Blue Mountain Chapter call Jerry Baker, 541-566-2244.

Cheahmill

For more information, visit the chapter Web site, www.oregon-nativeplants.com. To be added to the e-mail list for upcoming programs and events, please contact cheahmillchapternpsoc@comcast.net.

January 24, Thursday, 7 - 8:45 pm

Talk: Introducing the NPSO Citizen's Rare Plant Watch. Erin Gray, the NPSO Rare and Endangered Plants Committee co-chair, will introduce NPSO's new citizen-science program, the Citizen's Rare Plant Watch. Learn how you can become involved in the

conservation of Oregon's rare species by searching for and documenting historical rare plant occurrences! Erin is an Ecologist at the Institute of Applied Ecology in the Conservation Research Program. Location: Carnegie Room, McMinnville Public Library, 225 NW Adams St. (corner of HWY 99W and SW 2nd St.). Parking lot entrances on Adams and Second streets. Information:

IMPORTANT NOTE TO FIELD TRIP PARTICIPANTS

Field trips take place rain or shine, so proper dress and footwear are essential. **BRING WATER AND LUNCH.** Trips may be strenuous and/or hazardous. Participation is at your own risk. Be prepared to sign a release form indicating this. A sample waiver form is available at http://npsoregon.org/documents/NPSO_waiver.pdf. Please contact the trip leader or chapter representative about difficulty, distance, and terrain to be expected on field trips. Dogs are not allowed. All NPSO field trips are open to the public at no charge (other than contribution to carpool driver) and newcomers and visitors are always welcome. You must pre-register for all events. National Forests require a Northwest Forest Pass for some field trip locations. Permits can be acquired at forest headquarters and ranger districts.

NOTICE TO FIELD TRIP CHAIRS AND LEADERS

The Forest Service and other agencies have set policies limiting group size in many wilderness areas to 12. The reason is to limit human impacts on these fragile areas. Groups using wilderness areas should be no larger than 12. A trip leader checklist and sample waiver form are available at: <http://npsoregon.org/calendar.html>

Bonnie Laux, 503-925-4960 or bonlaux@gmail.com.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis chapter e-mail list, contact Alexis Brickner and Kevin Weitemier at co_president@NPSOregon.org or 208-921-0827.

December 10, Monday, 7 pm

Meeting: Corvallis Annual Winter Party. Join us at the house of Loren and Flo, 3420 SW Willamette Ave., Corvallis. Please bring slides or digital images of your botanical adventures to show and a dessert to share. Contact: Loren, loren.russell@comcast.net.

January 14, Monday, 7:30 pm

Talk: Experimental reintroduction of northern wormwood, a rare plant of the Columbia River Gorge. Our very own co-president, Alexis Brickner, will tell us about the work undertaken for her Masters degree, restoring populations of a rare *Artemisia* on the shores of the Columbia. Contact Alexis, 860-878-2049 or Kevin, 208-921-0827 for more information.

February 9, Saturday, 8 - 5

NPSO Table: Benton County Insights into Gardening Seminar. Corvallis NPSO will be staffing a table at Insights into Gardening, a day-long seminar offering practical, hands-on learning for home gardeners and gardeners-to-be. You will find plenty of ideas to make your gardening easier, more enjoyable, and more successful. Raffles, exhibits, catered lunch, and books for sale by Grass Roots will be available. Information: <http://extension.oregonstate.edu/benton/gardening> or call Pami Opfer at the Benton County OSU Extension Office, 541-766-6750. Pre-registration is \$30, \$35 at the door.

February 11, Monday, 7:30 pm

Talk: Introducing the NPSO Citizen's Rare Plant Watch. Erin Gray, the NPSO Rare and Endangered Plants Committee co-chair, will introduce

NPSO's new citizen-science program, the Citizen's Rare Plant Watch. Learn how you can become involved in the conservation of Oregon's rare species by searching for and documenting historical rare plant populations. Contact: Alexis, 860-878-2049 or Kevin, 208-921-0827 for more information.

Emerald

Visit the Emerald Chapter Web site at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists and botanical information about Lane County plants and the people who love them.

December 17, Monday, 7:30 pm

Event: Holiday Social and Slide

Show. Bring 10 to 12 digital slides and a snack to share if you wish. Location: EWEB Training Room, 500 E 4th Ave., Eugene. For more information, call 541-349-9999.

January 14, Monday, 7:30 pm

Meeting: Exploring the Flora of Oregon's Willamette Valley. The landscape of the Willamette Valley represents the cumulative effects of a long progression of natural and cultural influences. Ed Alverson of the Nature Conservancy will guide us along a tour of its remaining natural areas. We will get an introduction to the diverse flora, including rarities and endemic species, as well as the challenges to conservation, and ways that people are re-connecting with the natural world that is close at home - helping to ensure its future survival. Location: EWEB Training Room, 500 E 4th Ave., Eugene. For more information, call 541-349-9999.

Klamath Basin

For information on the Klamath Basin Chapter, contact Sarah Malaby at 541-884-5703 or smalaby@cs.com.

Mid-Columbia

For information on the Mid-Columbia Chapter, contact Sara Wu at wusara96@yahoo.com.

December 20, Thursday, 7 pm

Meeting: Field trips, past and future. Don Hardin will review the field trips he led this past spring and summer and we'll begin planning next season's trips, and share some holiday cheer. Location: Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

January - no meeting.

February 21, Thursday, 7 pm

Meeting/Talk: Introducing the NPSO Citizen's Rare Plant Watch. Erin Gray, Rare and Endangered Plants Committee co-chair, will introduce NPSO's new citizen-science program, the Citizen's Rare Plant Watch. Learn how you can become involved in the conservation of Oregon's rare species by searching for and documenting historical rare plant occurrences. Learn more about Erin Gray at her bio page: <http://appliedeco.org/about-us/staff/erin-gray>. Location: Boardroom, Building 1, Columbia Gorge Community College, The Dalles.

Portland

If you would like to receive the chapter's semi-official e-mail newsletter, The Calochortus, e-mail Don Jacobson at donj-photo@gmail.com.

Facebook: Take a look at our Facebook page. Native Plant Society of Oregon-Portland-Chapter. It will have the most up-to-date information on hike and other events as well as great plant pictures.

December 13, Thursday, 7 pm

Member's party: Slide Sharing. Bring your electronic slides of native flora from Oregon and beyond for our annual year end celebration of the wildflower season. Bring goodies to share. Location: Metro building at 600 NE Grand Ave., Portland. Enter the building at the south end of the upper plaza on Irving St., (not the door on Grand Ave.). An attendant will let you in and direct you to the meeting room upstairs. Informal meeting at 7 pm. Brief formal meeting followed by slide sharing starts at 7:15 pm. Contact: Roger Brewer, rogerbrewer@comcast.net or 503-789-5027.

January 10, Thursday, 7pm

Meeting/Talk: Rare and Endangered Plants. Erin Gray and Jason Clinch will introduce NPSO's new citizen-science program, the Citizen's Rare Plant Watch. They will present their exciting findings from last year and explain how you can become involved in the conservation of Oregon's rare species by searching for and documenting historical rare plant populations. Meeting location: Metro building at 600 NE Grand Ave., Portland. Enter the building at the south end of the upper plaza on Irving St., (not the door on 600 NE Grand Ave.). An attendant will let you in and direct you to the meeting room upstairs. Informal meeting is at 7pm. Formal meeting and presentation begin at 7:15pm. Contact: Mary Smith, alphiesmith@comcast.net or 503-288-4340.

January 14, Monday, 6 pm

Potluck dinner/Planning Meeting: 2013 Activities. We will be planning the 2013 Chapter activities, primarily our hike program. All interested in helping plan the year's activities are welcome. 2828 NE Stanton St., Portland. For details contact: Mary Smith, alphiesmith@comcast.net or 503-288-4340.

February 14, Thursday, 7 pm.

Meeting: Landscaping for Wildlife. Gaylen Beatty of the Backyard Habitat Certification Program and the Columbia Land Trust will give a presentation on what native plants to grow in your own yard in order to attract birds, insects, and other wildlife. Meeting location: Metro building at 600 NE Grand Ave., Portland. Enter the building at the south end of the upper plaza on Irving St., (not the door on 600 NE Grand Ave.). An attendant will let you in and direct you to the meeting room upstairs. Informal meeting is at 7pm. Formal meeting and presentation begin at 7:15pm. Contact: Mary Smith, alphiesmith@comcast.net or 503-288-4340.

Siskiyou

To join the Siskiyou Chapter email list:

Send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike in 2012, make a suggestion, or provide feedback regarding the field trip program please contact Sasha Joachims at: sasharain71@gmail.com.

December 13, Thursday, 6:30 - 8:30 pm

Holiday Potluck Program: Past, Present, and Future: Climate Change and the High Elevation Conifers of the Klamath Mountain Region. Join teacher, researcher, and explorer Michael Kauffmann on a journey through time and the Klamath Mountains, focusing on our regional high elevation conifers. These mega-flora of the Klamath Mountain tops have survived shifting climatic conditions through recent geologic ages, but will they survive the next shift? Talk begins around 7:30 pm.

Please bring a potluck dish, table service (plate, silverware, glass, cup), and packets of seeds to contribute to the native plant seed exchange. Beer and wine are permitted. Location: Talent Community Center, 206 E Main in Talent (the old city hall, a large white clapboard building one block from Camelot Theater). Contact Kristi, 541-941-3744 or coprolitemergie@yahoo.com, for more information. **Please bring a food donation for the Talent Food Project.**

Umpqua Valley

Visit www.umpquavalley.npsoregon.org for more information on chapter activities.

Willamette Valley

For program information, contact John Savage at 503-399-8615 or Alexandra Ninneman at 503-391-4145.

January 3, Thursday, 7 - 8:30 pm

Program: Lichens. Dr. Sarah Jovan, a program advisor with the USDA Forest Service, will give a broad overview of lichens. Her talk covers basic lichen biology as well as its habitat needs, functional significance in forest ecosystems, use as an air quality indicator, and lichen conservation. Dr. Jovan will also bring interesting lichen material for participants to examine. Location: 1320 A. St. NE, next to Olinger Pool, near North Salem High School. Sponsored by the Straub Environmental Learning Center and open to the public. Cost is \$5, with registration required: call 503-391-4145 or contact Michelle Cordova at Michelle@fsecl.org.

William Cusick

Visit our Web site at <http://williamcusick.npsoregon.org> or contact Laurie Allen at 541-805-0499 for updates and general information.

OTHER EVENTS

Willamette Valley Hardy Plant Group

January 8, Tuesday, 7 pm

Talk: Cool Western Native Plants.

Sean Hogan of Cistus Nursery will talk about "Cool Western Native Plants." Cistus Nursery offers Mediterranean climate, southern hemisphere, hardy tropical plants and more. Location: Campbell Community Center, 155 High St., Eugene. There is ample parking in the lot at the corner of 2nd Ave. and High St. Doors open at 6:30 for book sales and viewing botanical samples. Admission is \$5 for non-members and free for members. For more information: www.thehardyplantgroup.org or call 541-344-0896.

Oregon State University Extension Service

January – March

Training: OSU Master Gardener™ Program. Master Gardener training

is conducted out of OSU Extension Service offices in 30 Counties. The programs are tailored to the different climates, soils and local needs of individual counties. Master Gardener training typically takes place in the winter months (January-March), although the exact timing varies by county. If you are interested in becoming a Master Gardener volunteer, contact your local Extension Office: <http://extension.oregonstate.edu/mg/local-osu-master-gardener-programs>

Klamath-Siskiyou Wildlands Center

January 20, Sunday, 9 am

Hike: Wild and Scenic Illinois River.

Join KS Wild for a wintery low-elevation hike to the beloved Illinois River to explore serpentine ecosystems and riparian forests. Location: Carpool leaves Evo's Coffee Shop in Ashland at 9am and Ray's Market in Selma at 10:30 am. Bring rain gear and lunch for this moderate hike. Contact: Morgan Lindsay, morgan@kswild.org or 541-488-5789.

Grant Proposals Requested

NPSO will continue to sponsor small field research grants. The objectives of the program are:

1. To stimulate basic field research into the biology and distribution of Oregon's native and naturalized flora and vegetation, particularly in the more remote areas of the state.
2. To promote native plant conservation through better understanding of Oregon's flora and vegetation and the factors affecting their survival.

Research proposals are due annually by March 1. The guidelines are available online at: www.npsoregon.org/grants.html. For a paper copy of the program policy and guidelines, contact:

Dan Luoma, Field Research Grants Committee Chair
5 NW Edgewood Dr.
Corvallis, OR 97330
541-752-8860

In Memoriam: Richard Myron Straw

July 25th, 1926 - October 14th, 2012

by Frank Lang

Those of you familiar with the genera *Penstemon*, *Nothochelone*, and *Keckiella* will be saddened to learn that Dr. Richard (Dick) Straw died in Salem, Ore. of causes related to being 86 after a long full life. He is survived by his wife, Dorothy.

The eldest of three brothers, Dick was born in St. Paul, Minn. to Myron and Emma Straw. From 1944 - 1946 he served in the US Army, then the Army Reserve and Minnesota National Guard from 1946 -1950, along with active service in the Korean conflict from 1950 - 1952. In 1949, he married Dorothy (née Johnson) and they had five children.

Dick graduated from the University of Minnesota with a BA in Zoology in 1949 and received his PhD in Botany from the Claremont (California) Graduate School - Rancho Santa Ana Botanic Garden, where *Penstemon* was his dissertation subject. He enjoyed a long academic career at California State College, Los Angeles, from 1956 - 1981 and retired as Emeritus Professor of Biology. During those academic years, he was a Fulbright Lecturer in Peru (Genetics and Ecology) from



Geum rossii (Alpine Avens), taken near the top of Medicine Bow Peak in Wyoming, July 18, 1987.

1963 - 1964 and then went to Malaysia with the Peace Corps as science and math education support staff from 1966 - 1968.

After his retirement, Dick moved to Ashland, Ore. to be the Director of the Southern Oregon University (SOU) Computer Center from 1981 - 1992. While in Ashland, he continued his botanical interests: volunteering

with the Oregon Flora Project, developing a database for the SOU herbarium as well as a form for generating herbarium labels, helping Marcia Winteer with her Master's thesis on the flora and ecology of Round Top Butte Research Natural Area, and working on various botanical projects for the Medford District of the Bureau of Land Management. He also developed a "Vascular Plants of Jackson County" list, based largely on vouchered specimens at Southern Oregon University and Oregon State University herbaria.

In addition to botany, Dick had an interest in the genealogy of the Straw family and enjoyed fly fishing, travel, and visiting with family and friends. He was an active member of Trinity Episcopal Church in Ashland, Ore. He continued these activities in his later years in spite of struggles with a badly broken arm from a bicycle accident and dealing with a common disease of older men.

In 2004, Dick and Dorothy left Ashland and moved to Salem, Ore. to be closer to their children and grandchildren. Dick passed away on October 14, 2012 and a memorial service was held on October 27 at Prince of Peace Episcopal Church in Salem. Interment will be at the Eagle Point National Cemetery in Eagle Point, Ore.

In lieu of flowers, please make memorial contributions to Prince of Peace Episcopal Church in Salem, or to the Oregon Flora Project at Oregon State University, Corvallis, Ore.



Nothochelone nemerosa (Woodland Beard Tongue), taken along the Mirror Lake Trail in Clackamas County, August 10, 2007.



October 2012 Board Meeting Highlights

by Lisa Blackburn, NPSO Secretary

Jan Wilson, EarthShare Oregon Executive Director, gave a history of EarthShare Oregon, which formed in 1989 with 13 member groups to do workplace fundraising. There are now 73 member groups (member agency information is on the EarthShare Oregon website). EarthShare Oregon raises \$600,000 each year; undesignated dollars are divided among the member groups. NPSO receives \$7,000-8,000 per year from EarthShare Oregon.

The member benefits of being a member group include networking through the EarthShare Oregon website, direct contributions through workplace contributions, and access to everyone EarthShare Oregon talks to. NPSO has not taken advantage of all the program support available. Judi Sanders requested we get a summary of member benefits to put in the NPSO *Bulletin*. Ideas: we could use EarthShare Oregon to recruit volunteers for a new Treasurer, *Bulletin* Editor, Membership Chair, etc. when we need. The next EarthShare Oregon Annual Meeting will be in June. Billy Don Robinson will send information on the meeting to the *Bulletin* Editor, on our Facebook page, and the ListServe.

The Cheahmill Chapter requested a loan from NPSO to cover deposit costs for the venue for the 2014 Annual Meeting. The Board approved loaning up to \$1,000 to the Cheahmill Chapter for deposit costs.

The Siskiyou Chapter stated they are contributing \$500 (from their profit from the 2012 Annual Meeting) to the proposed NPSO Scientific Conference.

The Board approved increasing NPSO's 2012 contribution (currently \$5,000) to the Oregon Flora Project by \$3,000.

The Fellows Committee presented Paul Slichter and Kareen Sturgeon to be Fellows in 2013. They will each receive a plaque at the 2013 Annual Meeting and lifetime NPSO membership, and articles will be in *Kalmiopsis*. The Board approved the two

nominations.

Linda Hardison presented the Oregon Flora Project update. They have 25% of the flora completed and have authors committed for another 37%. The website is being redesigned by a volunteer. The flora will include information on ethnobotany; an undergraduate has been funded to do the research. Their annual fundraising campaign is upcoming.

There was discussion whether political issues that could impact native plants should be published in the *Bulletin* and, if so, in what context. It was suggested that the *Bulletin* Editor consult with the Board President if there was a question about a political issue being appropriate for the *Bulletin*. The Editor will minimize the inclusion of political issues, and present them with a neutral tone in the *Bulletin*. Exceptions would be issues like *Arundo donax*, where NPSO is directly involved.

Billy Don Robinson gave an update on *Arundo donax*. Billy Don has reviewed the draft bill declaring the plant a noxious weed. However, the Oregon Department of Agriculture (ODA) would still allow *A. donax* under a special exemption to the Rule being proposed. On the proposed Rule, there were temporary regulations allowing test plantings. ODA has issued new draft regulations which are weaker than the old temporary regulations. There will be hearings on October 30 in Salem and October 31 in Hermiston. NPSO will provide comments; individuals can also do so.

Matt Morales was introduced as the new Membership Chair. The new membership address is PO Box 80714, Portland, OR 97280. Chapters are asked to update the address on any existing membership forms they are providing to the public.

Roger Brewer presented copies of the revised hike leader checklist and disclaimer form. The goal is to publish them on the NPSO website and use them for hikes. After discussion, it was agreed that the retention period for the disclaimer forms will be one year.

The 2013 Annual Meeting will be hosted by the William Cusick Chapter July 26-28 in Baker City. Anyone willing to volunteer to help the Chapter should email Susan Geer (Chapter President).

The next board meeting will be January 26 or February 2 in Eugene at Lane Community College (hosted by the Emerald Chapter).

NPSO State Officers Needed

by Veva Stansell and Dan Luoma

The Nominating Committee is on the loose again. We are looking for candidates for State Officers: President, Vice President, Secretary, and Treasurer for the year July 2013-June 2014, as well as three Directors-at-Large for two years, July 2013-June 2015.

A Brief Job Description: Travel (think short vacation from the daily grind) four times a year to meet with others with similar interests. Learn about what's happening in the world of plants around Oregon and beyond. Opportunity to exercise creative thinking. Pay is outa sight (non-existent) but you will be rewarded with the knowledge that you have a hand in conservation of plants, botanical education, and enjoyment of Oregon's native vegetation. No experience necessary, just an interest and willingness to work with others in guiding NPSO. Talk to incumbents, they can tell you what fun it is. If you know someone who might be interested, please encourage them. Chapter Presidents, please present this opportunity to your members. Give them a chance at these great positions. You must ask permission to nominate someone, and they will be asked to provide a short biographical sketch.

For more information please contact:

Dan Luoma
Nominating Committee Chair
daniel.luoma@oregonstate.edu
541-752-8860

NPSO Chapter Activities for Portland, Willamette Valley, and Emerald – 2012 in Review

Portland

The Portland Chapter held nine evening meetings with invited speakers, attended by about 30 people on average, covering the topics of:

- New plant nomenclature as applied to plants of the Strawberry Mountain
- Fearless Latin: A Gardener's Introduction to Botanical Nomenclature
- The Use of Prescribed Fire on Native Prairies in the Willamette Valley
- Oregon Butterflies and Their Relationship to Flowering Plants
- Grand Ronde Ethnobotany: A brief discussion on traditional plants and their uses by the Confederated Tribes of Grand Ronde
- Rare plants, carnivorous plants and fragrant blossoms of the Siskiyou
- On the Pumice Plain- experimentation, observation, and modeling to understand insect herbivores and lupine colonization in the primary succession on the Mt. St. Helens Pumice Plain.
- Conifers of the Pacific Northwest
- Lichens of the Pacific Northwest and the effect of Climate Change

We will also hold our members' party on December 13 in which Chapter members show off pictures of their great plant and outdoor adventures of the previous year.

We continued our annual tradition of removing scotch broom from the Great Camas patch in Carson, Washington, returning it to its natural beauty. We provided financial support to a prison program to have inmates grow Kincaid's lupine plants, which are necessary for the habitat restoration for the endangered Fender's blue butterfly. In addition, we sponsored two botany students to attend the NPSO annual meeting. We have had several grass identification classes and a class on plant keying using Hitchcock. We averaged about one hike per week from

March through July, with hikes continuing through October.

-Roger Brewer

Willamette Valley

During 2012, the Willamette Valley chapter offered classes and programs on wildflower identification, ethnobotany, landscaping with natives, and invasive weeds.

We sponsored field trips to Bush Park, Kingston Prairie, Fairview Mitigation Wetlands, Iron Mountain, Dog Mountain, Silver Falls, Drift Creek, and Cascade Head. We are working with the City of Salem on restoration at the Fairview Mitigation Wetlands and recently organized a planting of Nelson's checkermallow and common camas.

The Willamette Valley Chapter administers the Jean Davis and Augusta Rockafellar Memorial Scholarship programs. The Chapter awarded a Jean Davis scholarship to William Matthews, a biology major at Lane Community College, and an Augusta Rockafellar scholarship to Lea Condon, a PhD candidate at Oregon State University.

-John Savage

Emerald

The Emerald Chapter held about the same amount of activities as in 2011. We set up a booth at several events, including:

- The Mt. Pisgah Arboretum Wildflower Festival every May, where there are more than 400 native plants on display.
- The Eugene Celebration, held in downtown Eugene towards the end of summer.
- The Mt. Pisgah Arboretum Mushroom Show takes place every October. There are always several hundred mushrooms on display. This is like a fall harvest festival with many nonprofit organizations setting up booths.

There is also live music, food and a plant sale.

We also had a program with a guest speaker once a month from September through May. In October our guest speaker was Chris Hansen, a staff member of the Oregon Natural Desert Association. There were between 70 and 75 attendees.

-Dave Predeek



Welcome New NPSO Members

Please welcome these new members who joined NPSO between August 26 and November 14, 2012.

Corvallis

Jordan Brown
Sonja V. De Herdt
Steve Manthe
Elizabeth McWilliams

Emerald

John Abernethy
Claire E. Christy
Adam Taylor
Sarah Vasconcellos

Mid-Columbia

C. Theo Anderson
Don Hardin
Beverly Linde
Ralph T. Rogers

Portland

Charles A. Adams
Greg Haworth
David Nackerud
Janet Parker
Maitreyee Sinha
Linny Stovall
Laura Taylor

Siskiyou

Emily Turner

William Cusick

Susan Boyd
Ira Cohen

Members at Large

Lori Markoff

NATIVE PLANT SOCIETY OF OREGON MEMBERSHIP FORM

Name _____

Address _____

City _____ State _____ Zip+4 _____

Phone _____ E-Mail _____

Chapter (if known) _____

Is this a change of address? If so, please write your old address here:

Address _____

City _____ State _____ Zip+4 _____

Please make checks for dues and contributions payable to:

NATIVE PLANT SOCIETY OF OREGON

Send completed form and full remittance to:

Native Plant Society of Oregon

P.O. Box 80714

Portland, OR 97280

DUES include monthly *Bulletin* and *Kalmiopsis* when published.

Membership is for the calendar year. New memberships enrolled after July 1 include the following year.

☐ New

☐ Renewal

☐ Student – \$12

☐ Regular – \$25

☐ Family – \$35

☐ Sustaining – \$60

☐ Patron – \$125

☐ Life Membership – \$500

☐ Subscription Only (*Bulletin* and *Kalmiopsis*) – \$25 *Only for those who wish to subscribe, but do not want to have full membership status.*

CONTRIBUTIONS to NPSO are tax deductible.

Jean Davis Memorial Scholarship Fund \$ _____

Leighton Ho Memorial Field Botany Fund \$ _____

Augusta Rockefeller Memorial Scholarship \$ _____

Rare and Endangered Plant Conservation Fund \$ _____

Friends of the Oregon Flora Project \$ _____

Membership in the Native Plant Society of Oregon is open to all.

Membership applications, renewals and changes of address (include old address) should be sent to the Membership Chair. Changes of address may also be e-mailed to Membership@NPSOregon.org.

OFFICERS & COMMITTEE CHAIRS

STATE OFFICERS

DIRECTORS (to 6/2013)..... Linda Hardison, Frances Stilwell, Bruce Waugh Mary Beth Averill, Betty Bahn and Cecile Shohet (to 6/2014)

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IMMEDIATE PAST PRESIDENT..... David Lebo past_president@NPSOregon.org; 503-622-2008

VICE PRESIDENT..... Billy Don Robinson bdmeme@gmail.com; 503-515-1708

SECRETARY..... Lisa Blackburn secretary@NPSOregon.org; 503-538-3976

TREASURER..... Cyndi Dion 897 Hillview Dr., Ashland, OR 97520-3517; treasurer@NPSOregon.org; 541-482-8603

CHAPTER PRESIDENTS

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CORVALLIS..... Alexis Brickner & Kevin Weitemier co_president@NPSOregon.org; 208-921-0827

EMERALD (Eugene)..... David Predeck..... em_president@NPSOregon.org

MID-COLUMBIA Sara Wu 595 Hearthsides Lane, Goldendale, WA 98620; wusara96@yahoo.com; 509 773 7127

PORTLAND..... Angie Moore..... po_president@NPSOregon.org; 503-292-2093

Roger Brewer rogerbrewer@comcast.net; 503-789-5027

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Dick Austin..... wc_president@npsoregon.org

STATE COMMITTEE CHAIRS

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CONSERVATION, EAST SIDE..... Vacant.....

CONSERVATION, WEST SIDE..... David Lebo..... president@NPSOregon.org; 503-622-3191 ext. 639

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LEGISLATIVE Billy Don Robinson bdmeme@gmail.com; 503-515-1708

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RARE & ENDANGERED PLANTS.... Erin Gray & Cecile Shohet..... ecgray830@gmail.com, cshohet@gmail.com

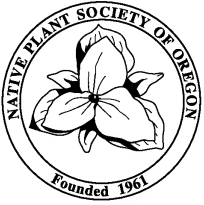
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KALMIOPSIS EDITOR..... Cindy Roché..... P.O. Box 808, Talent, OR 97540; kalmiopsis@NPSOregon.org

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*Send change of address notices
and membership requests to:*

Native Plant Society of Oregon
Matt Morales, Membership Chair
P.O. Box 80714
Portland, OR 97280

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Friends of the Oregon Flora Project

Someone looking for clarity about plant-related organizations recently asked me if the Oregon Flora Project and the Native Plant Society of Oregon were synonymous. Smiling at the botanical double entendre, I said No, but we could be considered mutualistic.

The long history between NPSO and the OFP is a point of pride for me. Our mission statement reflects our commitment to supporting citizen science as we: "...foster effective use of [botanical] knowledge by all citizens." And the mutual support that the OFP receives from the NPSO state organization, chapters, and individuals has enabled us to accomplish the achievements we now claim.

We are grateful for the support—financial, programmatic, and informational—we receive from NPSO and its members. As we enter our annual fundraising campaign, we hope that you elect to continue your support of OFP. The information we provide informs research, land use and policy decisions, and botanical education in formal and informal settings. Your financial support to ensure the completion of the Flora voices your belief that having current and accurate information about the plants of our state is important, and needs to happen. We are here to do the job—with your help!

Please give generously—your contribution makes a difference. Checks can be written payable to the Agricultural Research Foundation (include "OFP" on the memo line), and mailed directly to: ARF, 100 Strand Ag Hall, Oregon State University, Corvallis, OR 97331-4067.